

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF110920\  
 Data File : BF122286.D  
 Acq On : 9 Nov 2020 15:58  
 Operator : JU/CG  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF110920

Quant Time: Nov 10 12:29:49 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.869  | 152  | 272880   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.151  | 136  | 1009689  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.910  | 164  | 533557   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.392 | 188  | 958448   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.033 | 240  | 835271   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 829069   | 20.00 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 1405855  | 79.11 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 1817918  | 78.19 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.434  | 82   | 1473987  | 89.37 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.698 | 330  | 484657   | 84.63 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.233  | 172  | 2557115  | 74.88 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 3019370  | 76.58 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 2.646  | 88   | 314971   | 38.65 | ng    | 93       |
| 3) Pyridine                   | 3.387  | 79   | 880778   | 39.29 | ng    | 93       |
| 4) n-Nitrosodimethylamine     | 3.340  | 42   | 411707   | 38.96 | ng    | 97       |
| 6) Aniline                    | 6.528  | 93   | 1196876  | 39.24 | ng    | 98       |
| 8) 2-Chlorophenol             | 6.651  | 128  | 738978   | 40.10 | ng    | 92       |
| 9) Benzaldehyde               | 6.416  | 77   | 477637   | 38.29 | ng    | 97       |
| 10) Phenol                    | 6.504  | 94   | 923676   | 40.35 | ng    | # 77     |
| 11) bis(2-Chloroethyl)ether   | 6.604  | 93   | 725489   | 39.87 | ng    | 93       |
| 12) 1,3-Dichlorobenzene       | 6.810  | 146  | 820035   | 39.19 | ng    | 97       |
| 13) 1,4-Dichlorobenzene       | 6.887  | 146  | 827020   | 39.35 | ng    | 97       |
| 14) 1,2-Dichlorobenzene       | 7.040  | 146  | 776657   | 39.59 | ng    | 99       |
| 15) Benzyl Alcohol            | 7.004  | 79   | 663355   | 40.13 | ng    | 99       |
| 16) 2,2'-oxybis(1-Chloropr... | 7.145  | 45   | 1067154  | 40.23 | ng    | 99       |
| 17) 2-Methylphenol            | 7.110  | 107  | 611797   | 39.77 | ng    | 99       |
| 18) Hexachloroethane          | 7.387  | 117  | 299098   | 40.86 | ng    | 94       |
| 19) n-Nitroso-di-n-propyla... | 7.287  | 70   | 555795   | 40.01 | ng    | 95       |
| 20) 3+4-Methylphenols         | 7.269  | 107  | 759386   | 40.12 | ng    | # 74     |
| 22) Acetophenone              | 7.281  | 105  | 1021284  | 38.83 | ng    | # 85     |
| 24) Nitrobenzene              | 7.451  | 77   | 794676   | 42.11 | ng    | 97       |
| 25) Isophorone                | 7.692  | 82   | 1447961  | 39.38 | ng    | 97       |
| 26) 2-Nitrophenol             | 7.769  | 139  | 327124   | 41.08 | ng    | 96       |
| 27) 2,4-Dimethylphenol        | 7.804  | 122  | 700206   | 40.38 | ng    | 96       |
| 28) bis(2-Chloroethoxy)met... | 7.904  | 93   | 892766   | 39.70 | ng    | 98       |
| 29) 2,4-Dichlorophenol        | 8.004  | 162  | 625891   | 40.76 | ng    | 97       |
| 30) 1,2,4-Trichlorobenzene    | 8.092  | 180  | 670724   | 39.58 | ng    | 96       |
| 31) Naphthalene               | 8.175  | 128  | 2094091  | 39.01 | ng    | 99       |
| 32) Benzoic acid              | 7.916  | 122  | 421879   | 44.62 | ng    | 98       |
| 33) 4-Chloroaniline           | 8.222  | 127  | 918316   | 39.28 | ng    | 96       |
| 34) Hexachlorobutadiene       | 8.298  | 225  | 389260   | 39.96 | ng    | 100      |
| 35) Caprolactam               | 8.592  | 113  | 196168   | 40.31 | ng    | 89       |
| 36) 4-Chloro-3-methylphenol   | 8.698  | 107  | 642410   | 40.11 | ng    | 93       |
| 37) 2-Methylnaphthalene       | 8.869  | 142  | 1379757  | 38.91 | ng    | 98       |
| 38) 1-Methylnaphthalene       | 8.969  | 142  | 1300908  | 39.19 | ng    | 99       |
| 40) 1,2,4,5-Tetrachloroben... | 9.034  | 216  | 652408   | 39.68 | ng    | 100      |
| 41) Hexachlorocyclopentadiene | 9.022  | 237  | 418380   | 43.52 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol     | 9.139  | 196  | 446425   | 41.81 | ng    | 100      |

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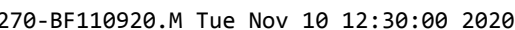
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 BNA\_F  
 ClientSampleId :  
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 QLast Update : Tue Nov 10 12:25:42 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| 44) 2,4,5-Trichlorophenol     | 9.175  | 196  | 461644   | 41.24 | ng    | 98       |
| 46) 1,1'-Biphenyl             | 9.334  | 154  | 1650083  | 38.85 | ng    | 99       |
| 47) 2-Chloronaphthalene       | 9.357  | 162  | 1311338  | 38.90 | ng    | 97       |
| 48) 2-Nitroaniline            | 9.445  | 65   | 394895   | 40.26 | ng    | 97       |
| 49) Acenaphthylene            | 9.775  | 152  | 2015834  | 38.91 | ng    | 98       |
| 50) Dimethylphthalate         | 9.633  | 163  | 1481752  | 39.07 | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.692  | 165  | 336664   | 40.53 | ng    | # 83     |
| 52) Acenaphthene              | 9.945  | 154  | 1262714  | 39.38 | ng    | 99       |
| 53) 3-Nitroaniline            | 9.857  | 138  | 374872   | 39.66 | ng    | 96       |
| 54) 2,4-Dinitrophenol         | 9.957  | 184  | 109158   | 45.09 | ng    | # 77     |
| 55) Dibenzofuran              | 10.116 | 168  | 1833793  | 39.03 | ng    | 99       |
| 56) 4-Nitrophenol             | 10.004 | 139  | 305826   | 39.88 | ng    | 94       |
| 57) 2,4-Dinitrotoluene        | 10.092 | 165  | 430427   | 41.21 | ng    | # 87     |
| 58) Fluorene                  | 10.457 | 166  | 1364732  | 37.93 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol | 10.228 | 232  | 397390   | 42.69 | ng    | 99       |
| 60) Diethylphthalate          | 10.333 | 149  | 1502999  | 40.40 | ng    | 98       |
| 61) 4-Chlorophenyl-phenyle... | 10.451 | 204  | 671571   | 39.54 | ng    | 98       |
| 62) 4-Nitroaniline            | 10.469 | 138  | 371584   | 40.11 | ng    | 94       |
| 63) Azobenzene                | 10.610 | 77   | 1526902  | 39.12 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylph... | 10.498 | 198  | 175154   | 44.46 | ng    | 96       |
| 66) n-Nitrosodiphenylamine    | 10.569 | 169  | 1265874  | 38.76 | ng    | 95       |
| 67) 4-Bromophenyl-phenylether | 10.939 | 248  | 452337   | 40.16 | ng    | 99       |
| 68) Hexachlorobenzene         | 11.004 | 284  | 480267   | 39.47 | ng    | 96       |
| 69) Atrazine                  | 11.092 | 200  | 328535   | 40.40 | ng    | 96       |
| 70) Pentachlorophenol         | 11.192 | 266  | 302124   | 43.09 | ng    | 98       |
| 71) Phenanthrene              | 11.422 | 178  | 2106127  | 38.73 | ng    | 98       |
| 72) Anthracene                | 11.469 | 178  | 2189970  | 39.07 | ng    | 98       |
| 73) Carbazole                 | 11.622 | 167  | 1987031  | 38.97 | ng    | 99       |
| 74) Di-n-butylphthalate       | 11.957 | 149  | 2232181  | 41.07 | ng    | 99       |
| 75) Fluoranthene              | 12.604 | 202  | 2221815  | 39.14 | ng    | 98       |
| 77) Benzidine                 | 12.722 | 184  | 922046   | 39.80 | ng    | 98       |
| 78) Pyrene                    | 12.833 | 202  | 2294721  | 39.10 | ng    | 98       |
| 80) Butylbenzylphthalate      | 13.457 | 149  | 941244   | 40.55 | ng    | 95       |
| 81) Benzo(a)anthracene        | 14.021 | 228  | 2024764  | 38.98 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine    | 13.986 | 252  | 811714   | 41.93 | ng    | 99       |
| 83) Chrysene                  | 14.063 | 228  | 2034280  | 38.88 | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 1200610  | 42.43 | ng    | # 98     |
| 85) Di-n-octyl phthalate      | 14.633 | 149  | 2192729  | 45.73 | ng    | 99       |
| 87) Indeno(1,2,3-cd)pyrene    | 16.968 | 276  | 2032858  | 40.86 | ng    | 99       |
| 88) Benzo(b)fluoranthene      | 15.074 | 252  | 2112528  | 39.34 | ng    | 99       |
| 89) Benzo(k)fluoranthene      | 15.104 | 252  | 2044084  | 39.04 | ng    | 98       |
| 90) Benzo(a)pyrene            | 15.439 | 252  | 1859141  | 39.72 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene    | 16.986 | 278  | 1689603  | 40.55 | ng    | 98       |
| 92) Benzo(g,h,i)perylene      | 17.409 | 276  | 1610040  | 39.73 | ng    | 99       |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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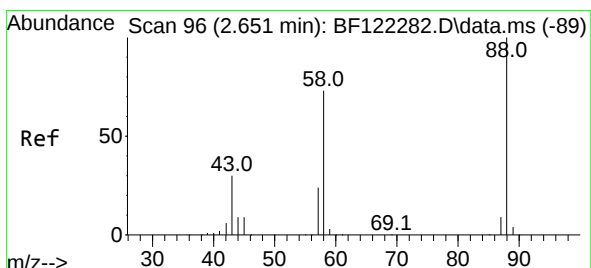
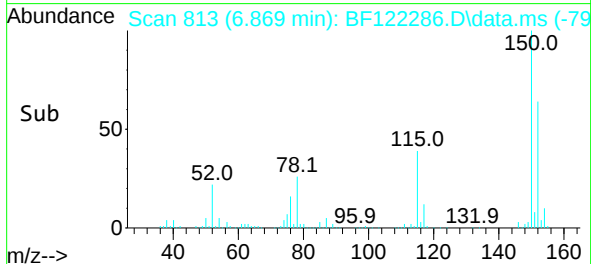
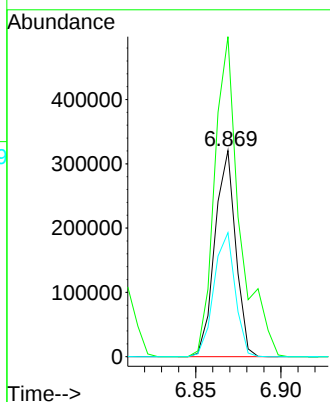
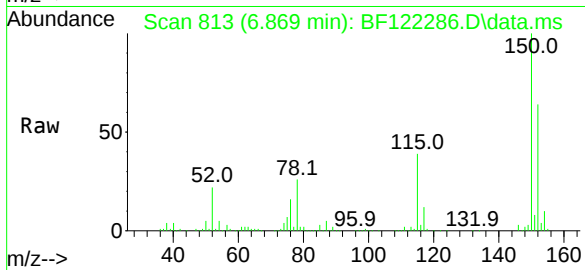




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.869 min Scan# 813  
 Delta R.T. -0.000 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

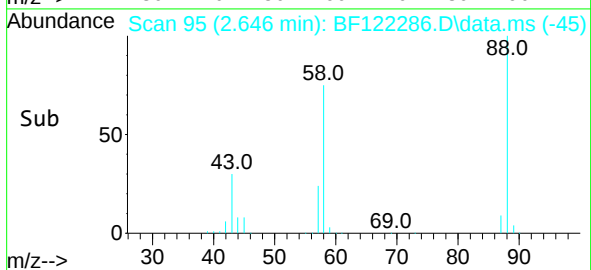
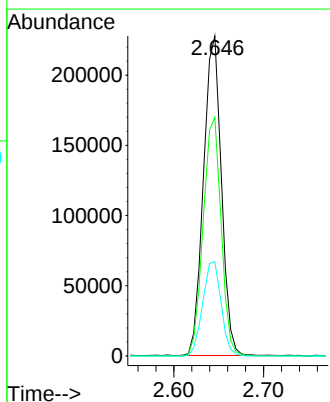
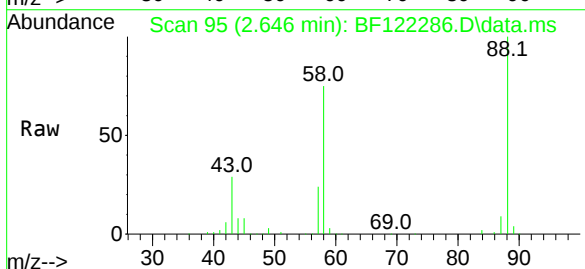
Instrument :  
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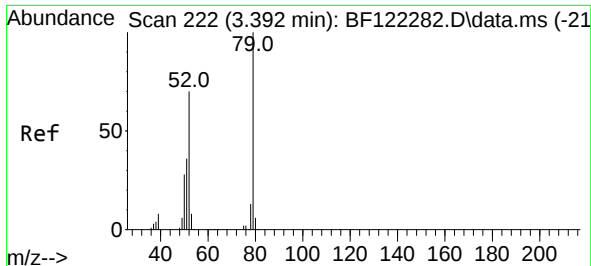
Tgt Ion:152 Resp: 272880  
 Ion Ratio Lower Upper  
 152 100  
 150 155.3 125.3 187.9  
 115 60.2 51.9 77.9



#2  
 1,4-Dioxane  
 Concen: 38.65 ng  
 RT: 2.646 min Scan# 95  
 Delta R.T. -0.006 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

Tgt Ion: 88 Resp: 314971  
 Ion Ratio Lower Upper  
 88 100  
 58 74.8 65.8 98.8  
 43 30.4 25.8 38.8

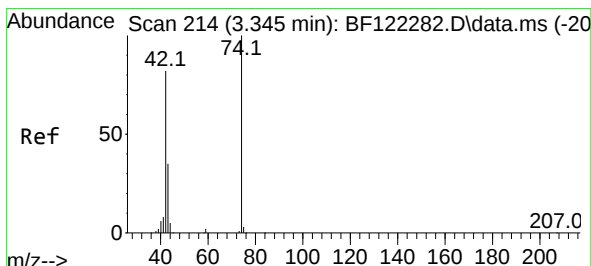
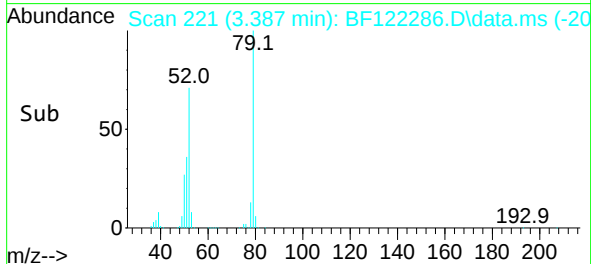
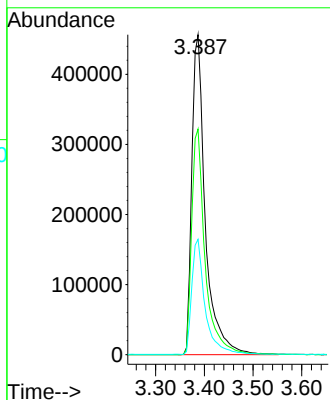
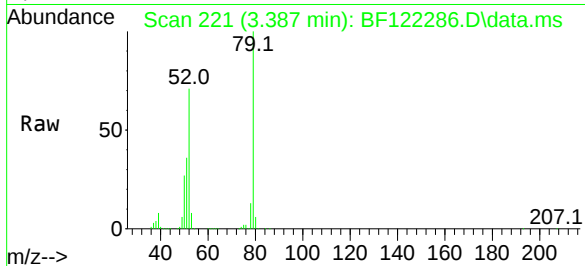




#3  
Pyridine  
Concen: 39.29 ng  
RT: 3.387 min Scan# 221  
Delta R.T. -0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

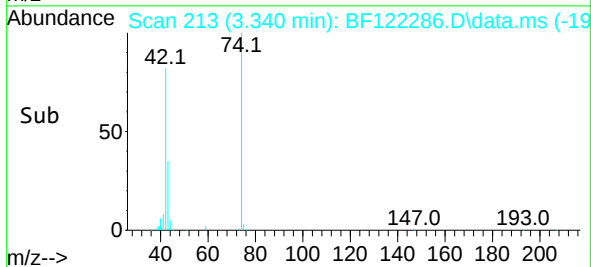
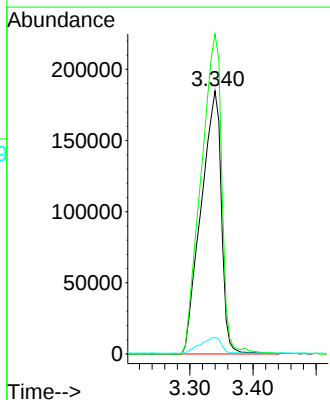
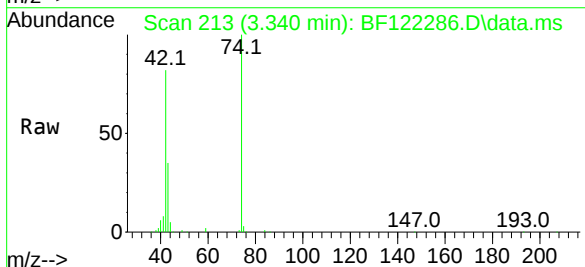
Instrument :  
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ClientSampleId :  
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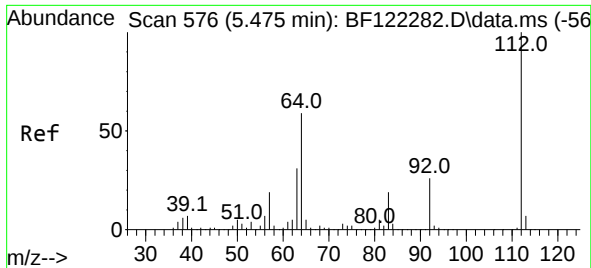
Tgt Ion: 79 Resp: 880778  
Ion Ratio Lower Upper  
79 100  
52 70.5 62.2 93.4  
51 36.0 31.1 46.7



#4  
n-Nitrosodimethylamine  
Concen: 38.96 ng  
RT: 3.340 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion: 42 Resp: 411707  
Ion Ratio Lower Upper  
42 100  
74 121.6 100.2 150.2  
44 6.3 5.8 8.6

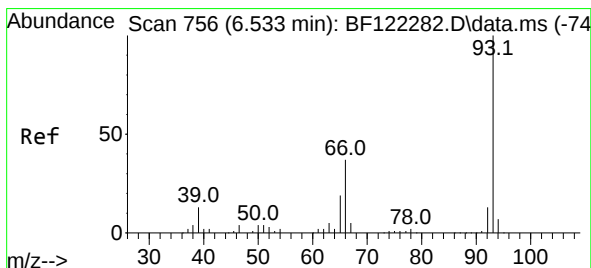
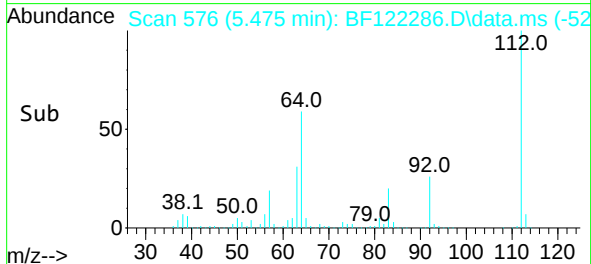
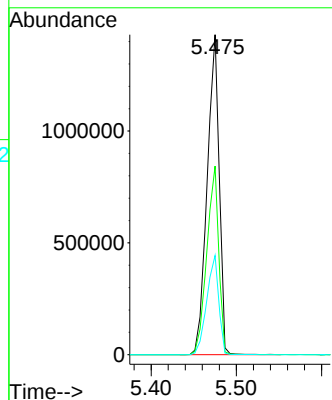
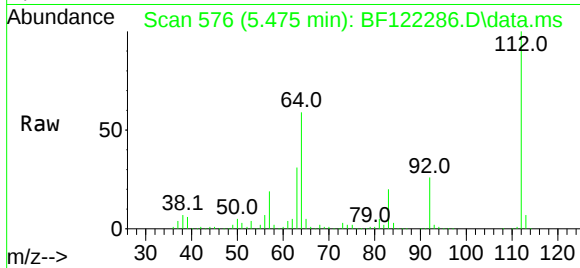




#5  
2-Fluorophenol  
Concen: 79.11 ng  
RT: 5.475 min Scan# 576  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

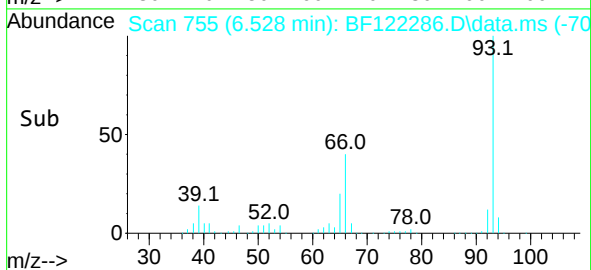
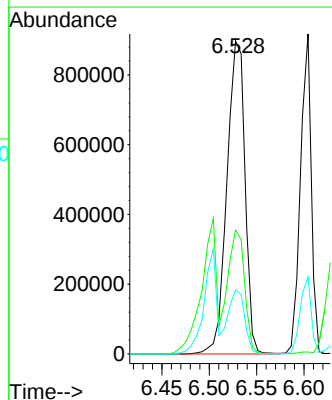
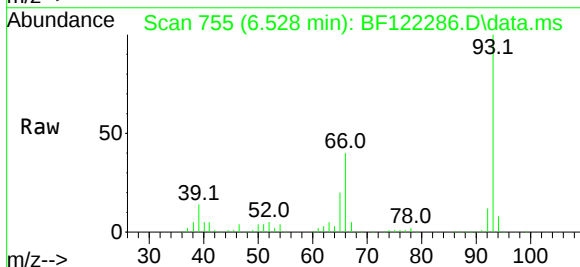
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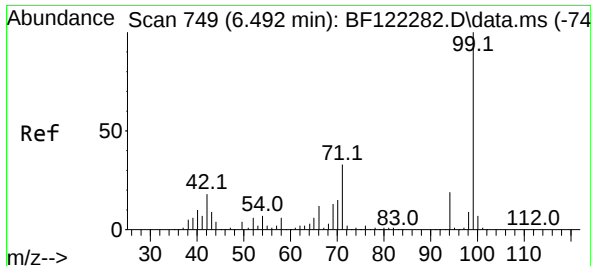
Tgt Ion:112 Resp: 1405855  
Ion Ratio Lower Upper  
112 100  
64 59.0 50.4 75.6  
63 31.0 25.8 38.6



#6  
Aniline  
Concen: 39.24 ng  
RT: 6.528 min Scan# 755  
Delta R.T. -0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion: 93 Resp: 1196876  
Ion Ratio Lower Upper  
93 100  
66 39.6 32.7 49.1  
65 20.4 16.6 24.8

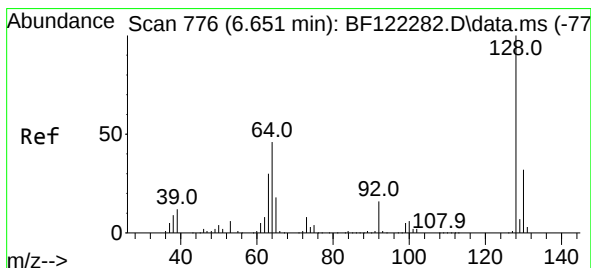
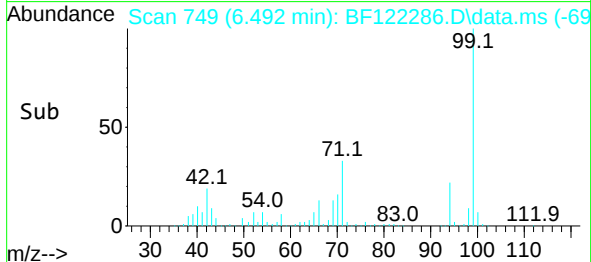
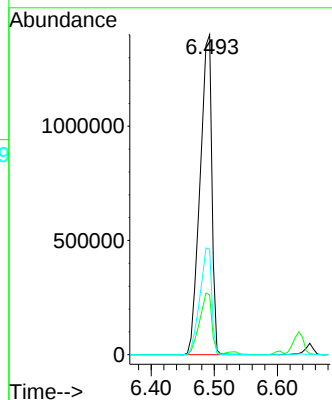
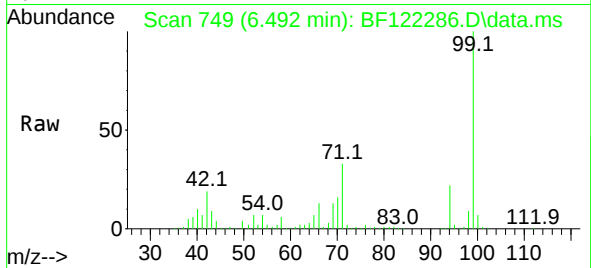




#7  
Phenol-d6  
Concen: 78.19 ng  
RT: 6.492 min Scan# 749  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

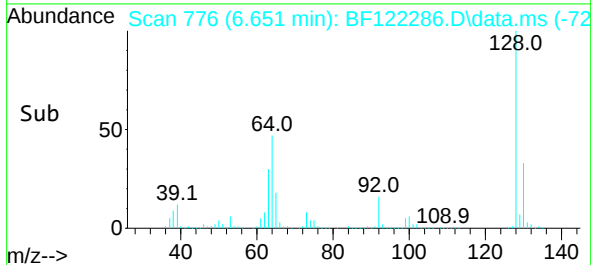
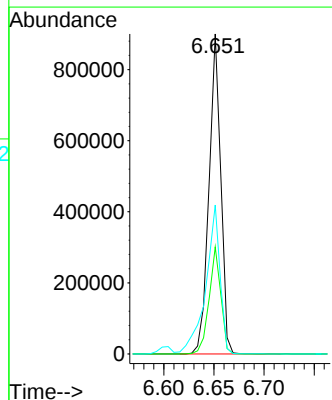
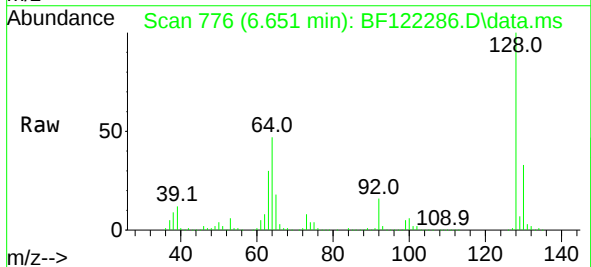
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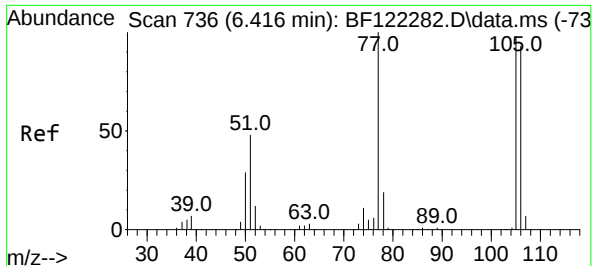
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42 18.7 15.9 23.9  
71 33.0 27.1 40.7



#8  
2-Chlorophenol  
Concen: 40.10 ng  
RT: 6.651 min Scan# 776  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:128 Resp: 738978  
Ion Ratio Lower Upper  
128 100  
130 33.5 12.4 52.4  
64 46.5 34.8 74.8



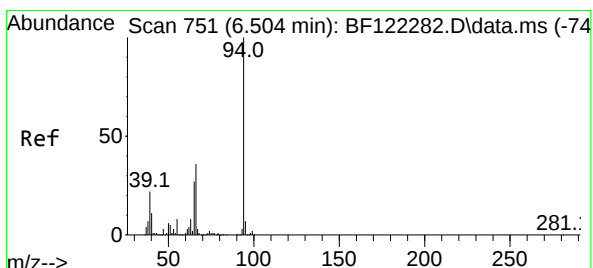
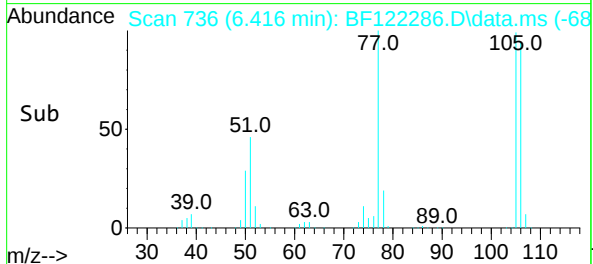
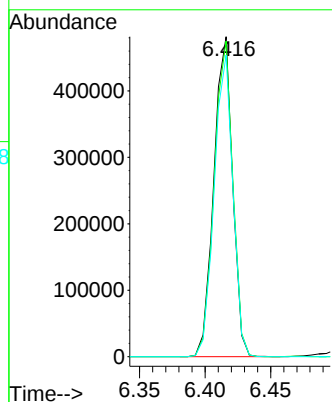
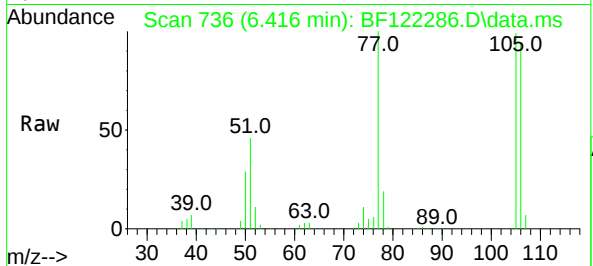


#9  
Benzaldehyde  
Concen: 38.29 ng  
RT: 6.416 min Scan# 736  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

Tgt Ion: 77 Resp: 477637

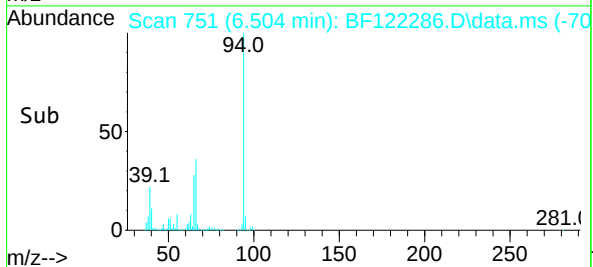
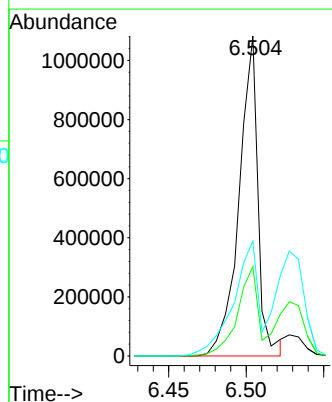
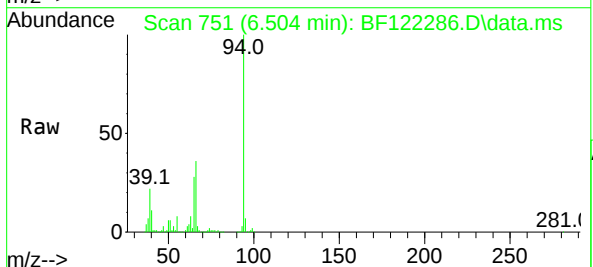
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 105 | 98.6  | 76.7  | 116.7 |
| 106 | 94.2  | 71.3  | 111.3 |

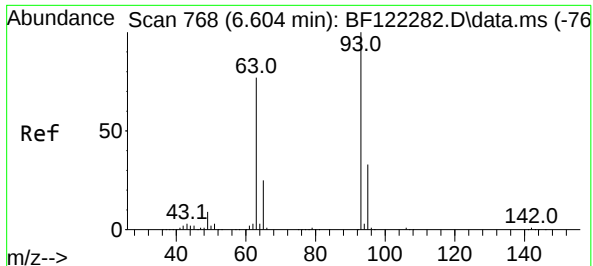


#10  
Phenol  
Concen: 40.35 ng  
RT: 6.504 min Scan# 751  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion: 94 Resp: 923676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 27.9  | 17.1  | 57.1  |
| 66  | 35.9  | 36.0  | 76.0  |

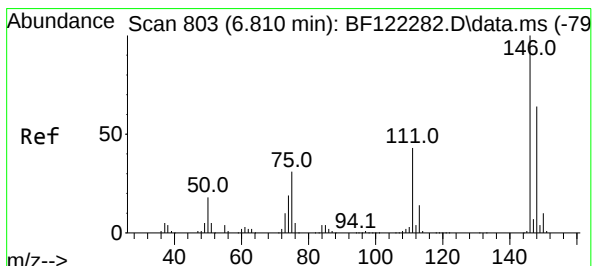
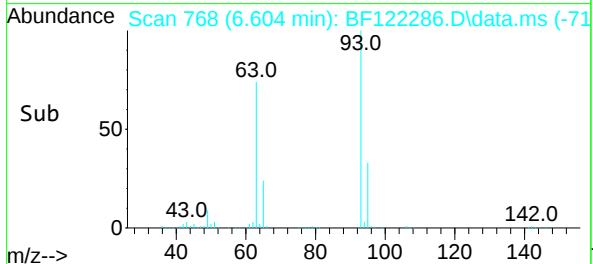
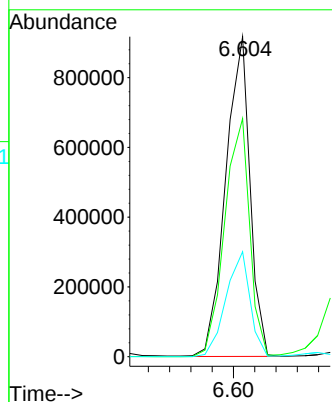
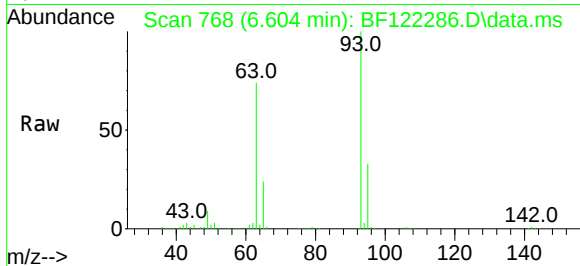




#11  
bis(2-Chloroethyl)ether  
Concen: 39.87 ng  
RT: 6.604 min Scan# 768  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

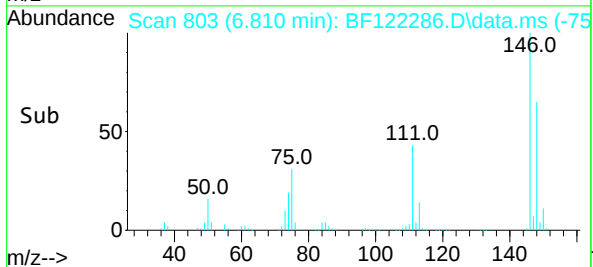
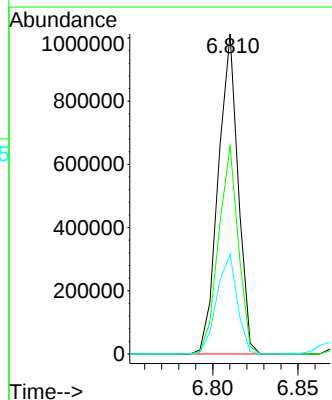
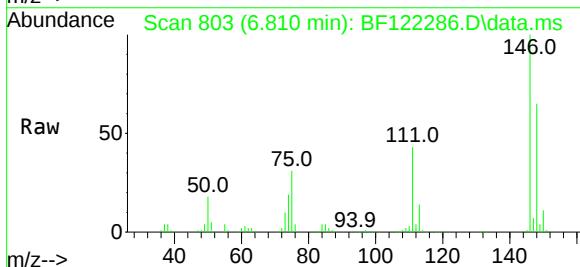
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

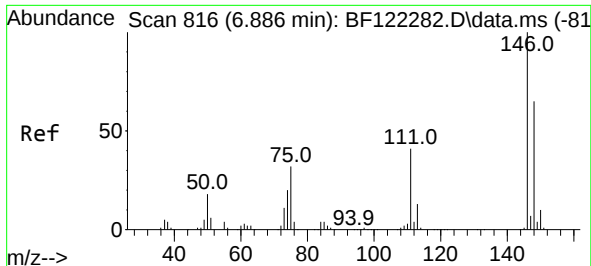
Tgt Ion: 93 Resp: 725489  
Ion Ratio Lower Upper  
93 100  
63 74.4 62.4 102.4  
95 32.8 12.6 52.6



#12  
1,3-Dichlorobenzene  
Concen: 39.19 ng  
RT: 6.810 min Scan# 803  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:146 Resp: 820035  
Ion Ratio Lower Upper  
146 100  
148 65.0 51.0 76.4  
75 31.2 27.6 41.4

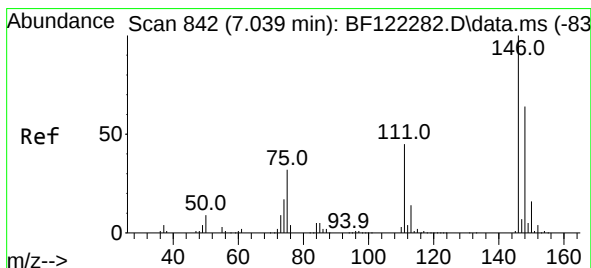
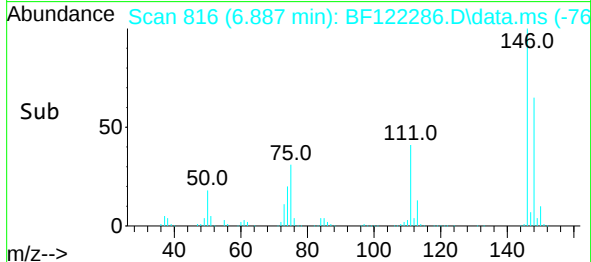
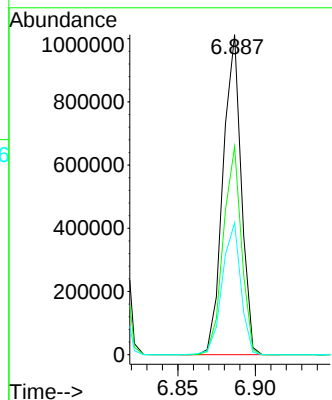
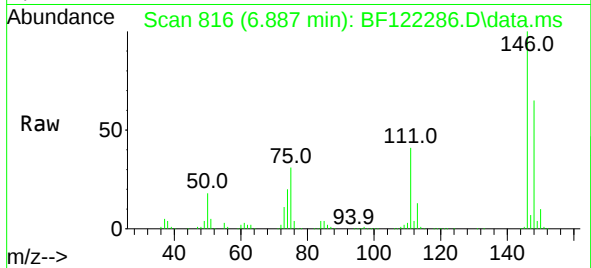




#13  
1,4-Dichlorobenzene  
Concen: 39.35 ng  
RT: 6.887 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

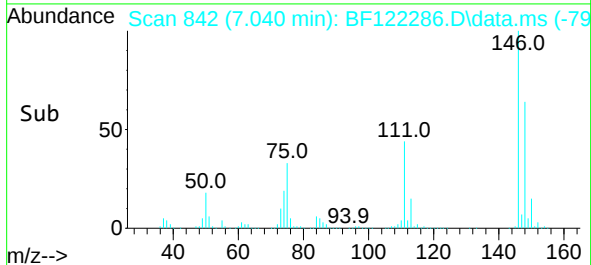
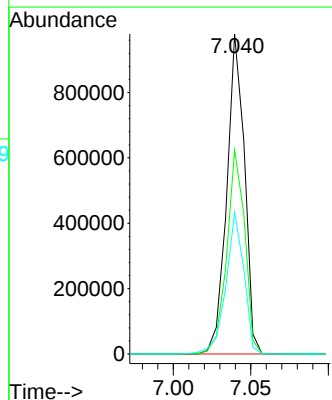
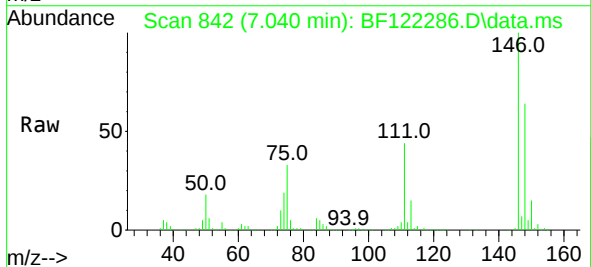
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

Tgt Ion:146 Resp: 827020  
Ion Ratio Lower Upper  
146 100  
148 65.0 50.1 75.1  
111 41.2 34.6 52.0



#14  
1,2-Dichlorobenzene  
Concen: 39.59 ng  
RT: 7.040 min Scan# 842  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:146 Resp: 776657  
Ion Ratio Lower Upper  
146 100  
148 63.8 51.1 76.7  
111 44.3 34.2 51.4





#15

Benzyl Alcohol

Concen: 40.13 ng

RT: 7.004 min Scan# 836

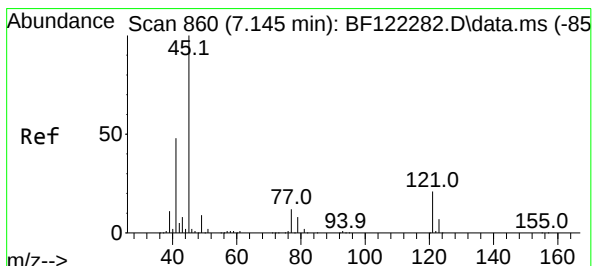
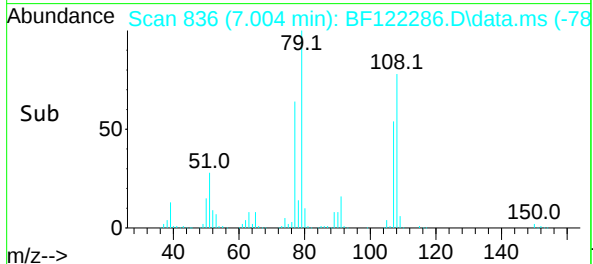
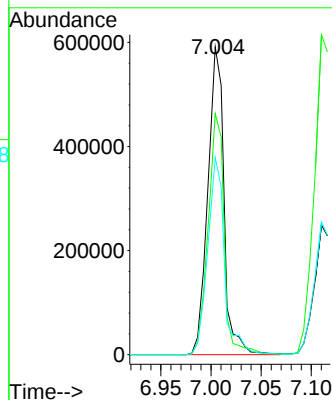
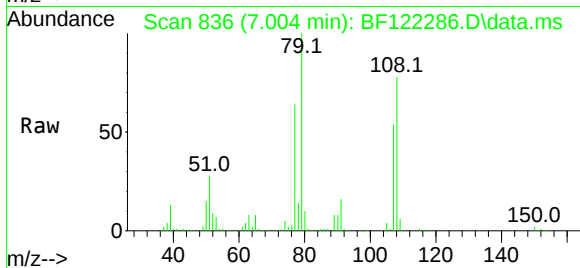
Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

Tgt Ion: 79 Resp: 663355

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 79  | 100   |       |       |
| 108 | 78.3  | 62.3  | 93.5  |
| 77  | 64.0  | 50.6  | 75.8  |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.23 ng

RT: 7.145 min Scan# 860

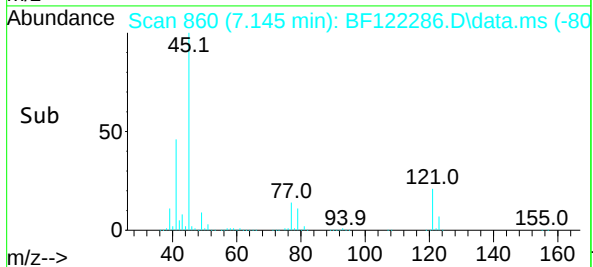
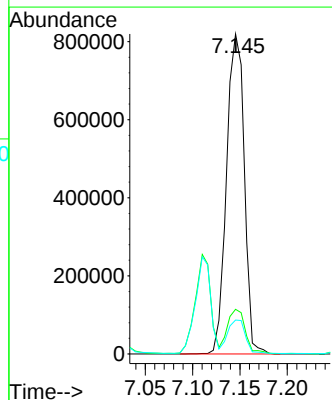
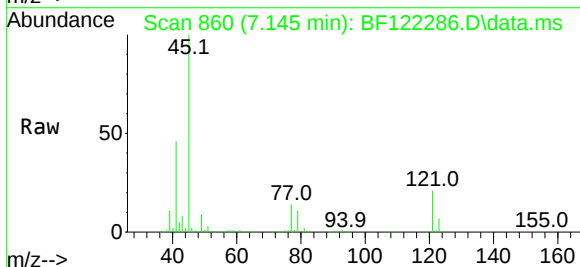
Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

Tgt Ion: 45 Resp: 1067154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 45  | 100   |       |       |
| 77  | 14.0  | 0.0   | 33.3  |
| 79  | 10.6  | 0.0   | 30.4  |

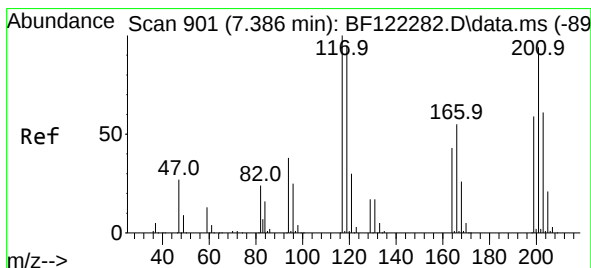
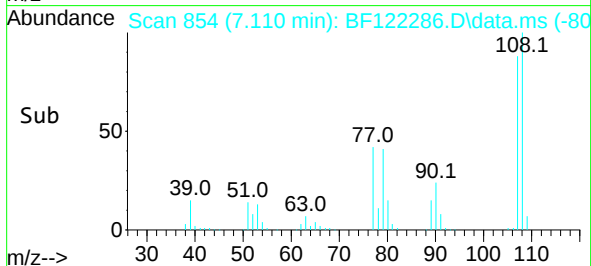
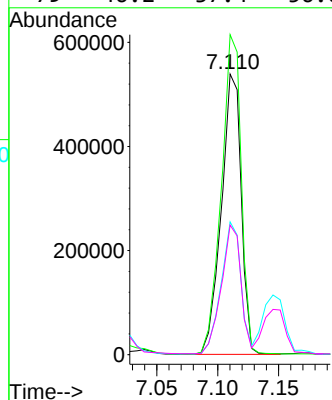
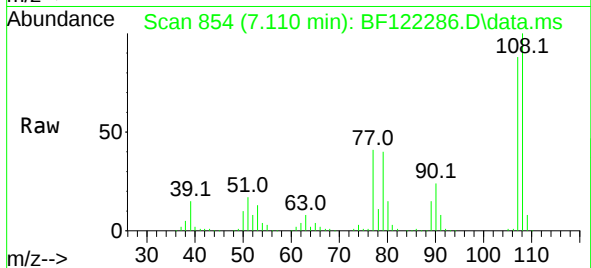




#17  
2-Methylphenol  
Concen: 39.77 ng  
RT: 7.110 min Scan# 854  
Delta R.T. -0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

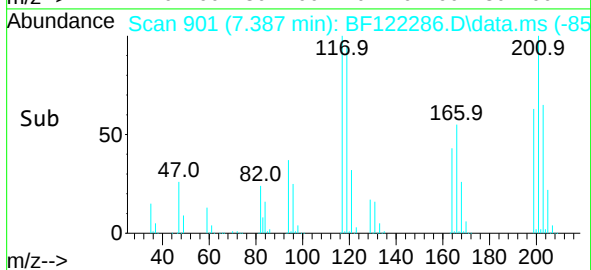
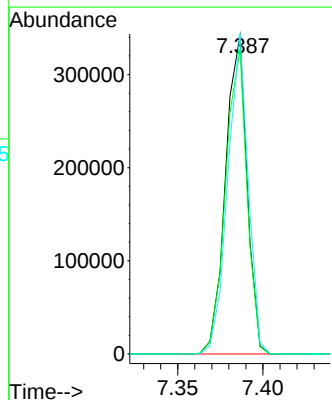
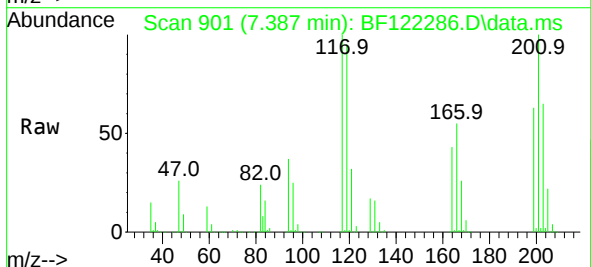
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

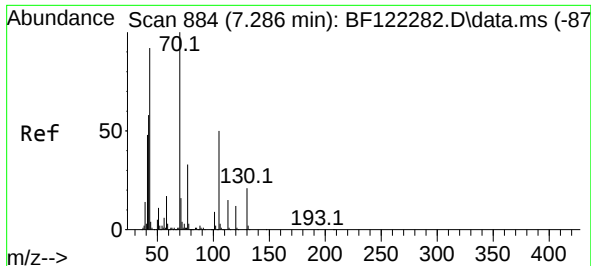
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 611797 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 114.0 | 90.9  | 136.3  |
| 77       | 47.3  | 37.5  | 56.3   |
| 79       | 46.2  | 37.4  | 56.0   |



#18  
Hexachloroethane  
Concen: 40.86 ng  
RT: 7.387 min Scan# 901  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 299098 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.4  | 76.3  | 114.5  |
| 201      | 100.4 | 71.8  | 107.6  |

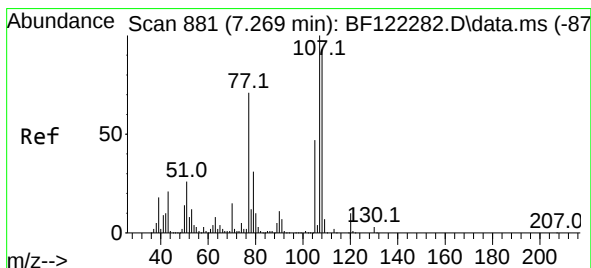
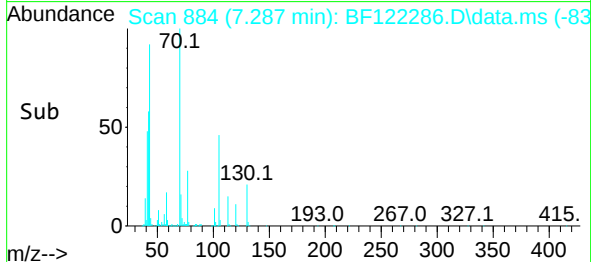
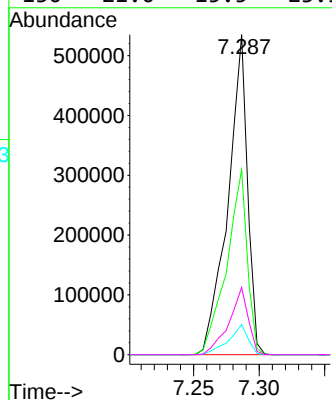
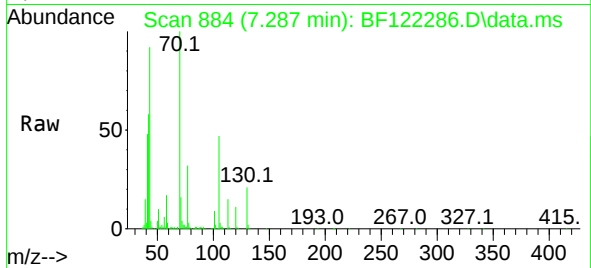




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.01 ng  
RT: 7.287 min Scan# 884  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

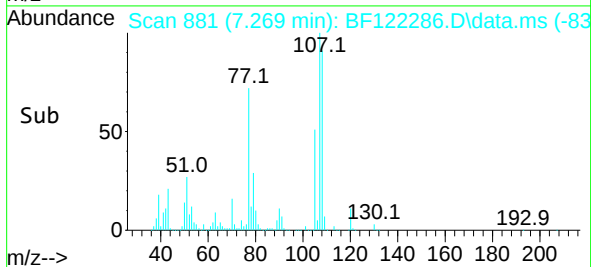
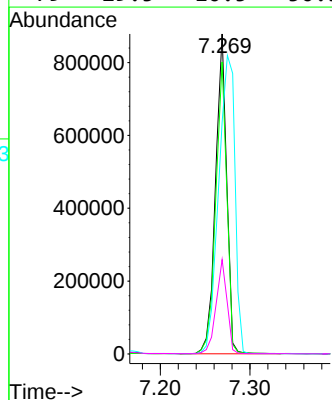
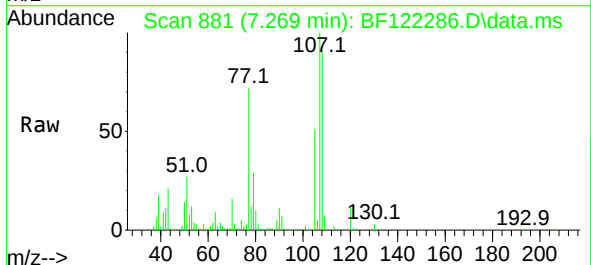
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

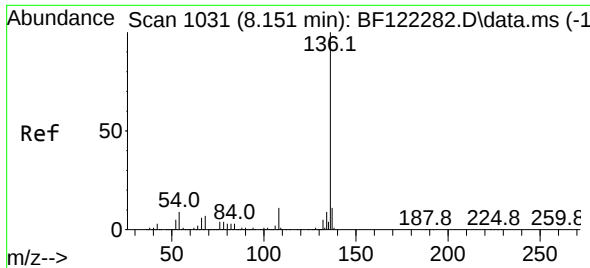
Tgt Ion: 70 Resp: 555795  
Ion Ratio Lower Upper  
70 100  
42 57.8 50.2 75.4  
101 9.4 7.5 11.3  
130 21.0 15.5 23.3



#20  
3+4-Methylphenols  
Concen: 40.12 ng  
RT: 7.269 min Scan# 881  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion: 107 Resp: 759386  
Ion Ratio Lower Upper  
107 100  
108 91.3 68.9 108.9  
77 72.4 108.0 148.0#  
79 29.5 10.5 50.5

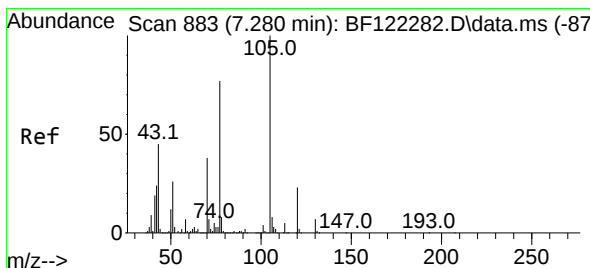
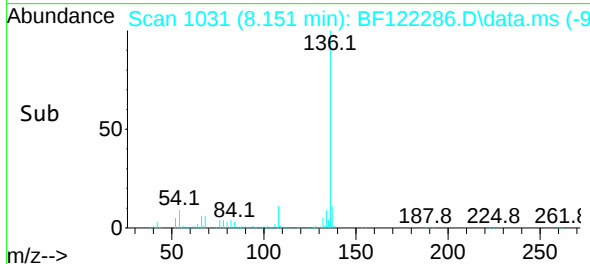
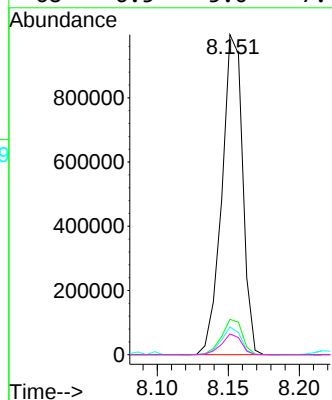
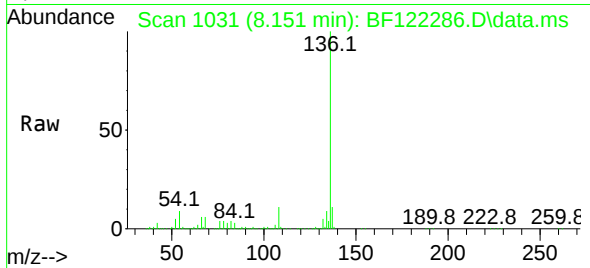




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

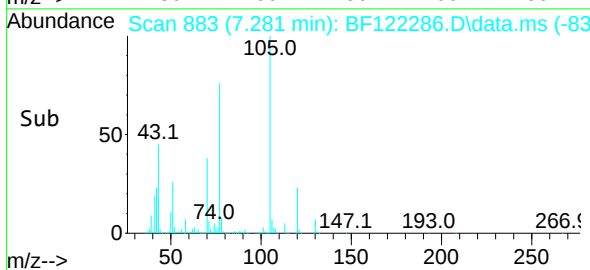
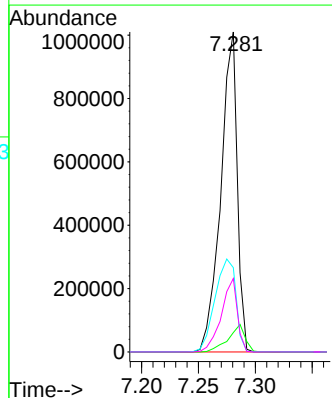
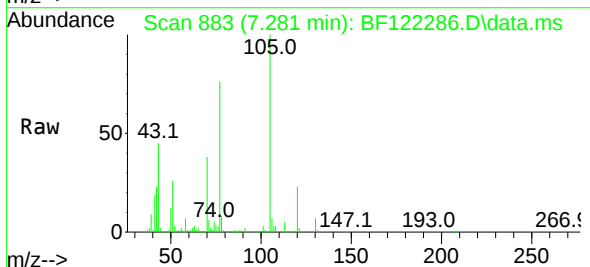
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

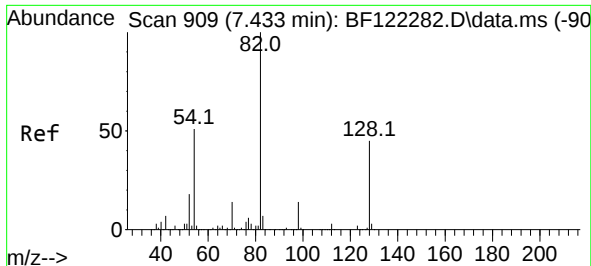
Tgt Ion:136 Resp: 1009689  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.7 7.1 10.7  
68 6.5 5.0 7.4



#22  
Acetophenone  
Concen: 38.83 ng  
RT: 7.281 min Scan# 883  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:105 Resp: 1021284  
Ion Ratio Lower Upper  
105 100  
71 6.1 5.3 7.9  
51 26.3 33.2 49.8#  
120 22.9 17.4 26.0





#23

Nitrobenzene-d5

Concen: 89.37 ng

RT: 7.434 min Scan# 909

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

Tgt Ion: 82 Resp: 1473987

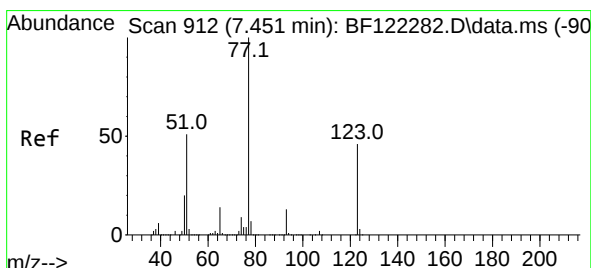
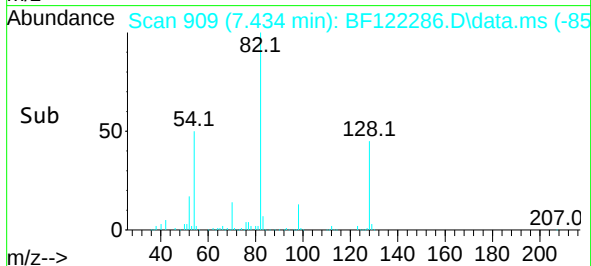
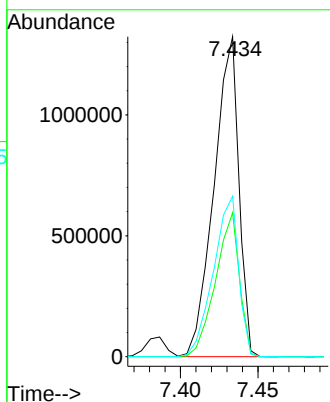
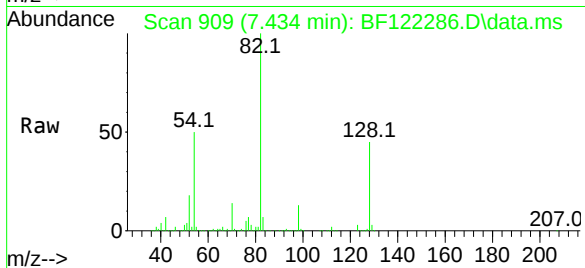
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.0  | 35.0  | 52.4  |
| 54  | 50.2  | 43.9  | 65.9  |

Instrument :

BNA\_F

ClientSampleId :

ICVBF110920



#24

Nitrobenzene

Concen: 42.11 ng

RT: 7.451 min Scan# 912

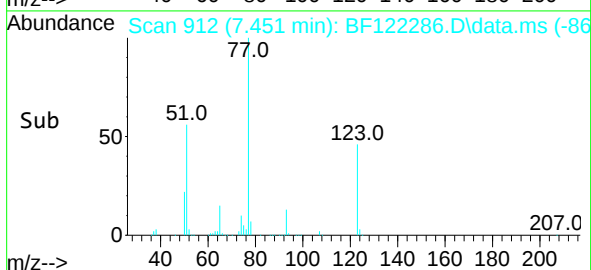
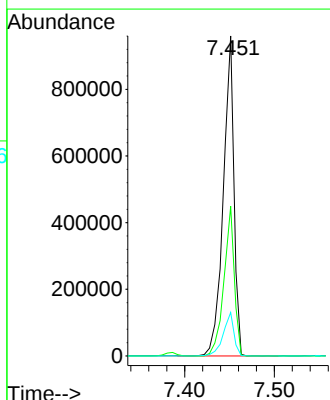
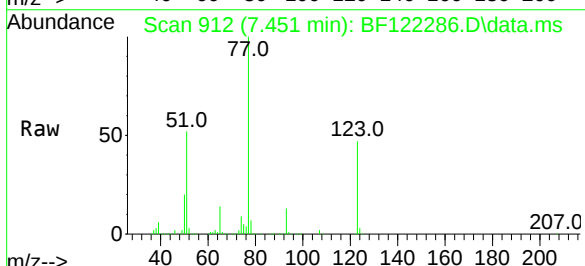
Delta R.T. 0.000 min

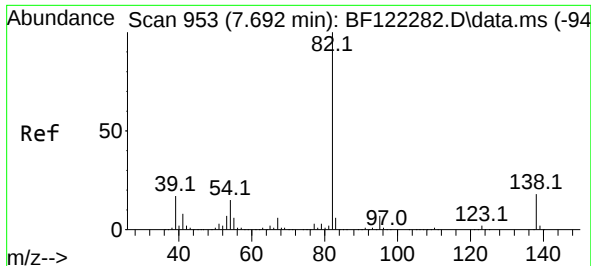
Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

Tgt Ion: 77 Resp: 794676

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 46.8  | 35.6  | 53.4  |
| 65  | 13.6  | 11.2  | 16.8  |

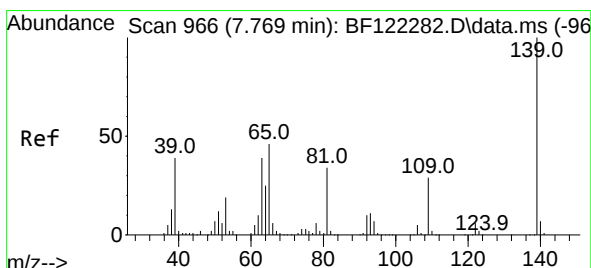
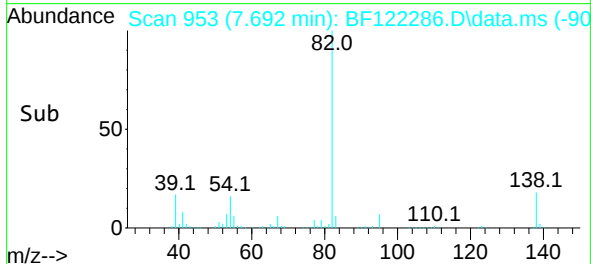
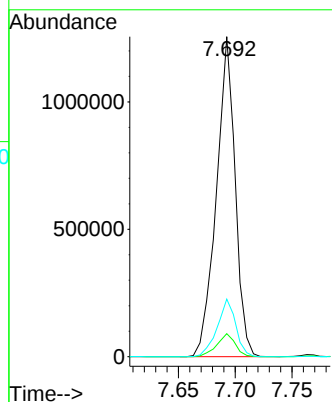
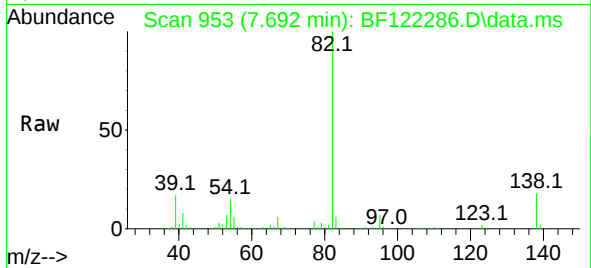




#25  
Isophorone  
Concen: 39.38 ng  
RT: 7.692 min Scan# 953  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

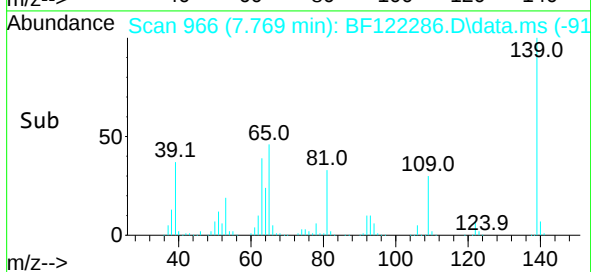
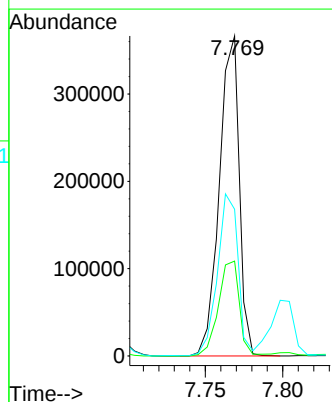
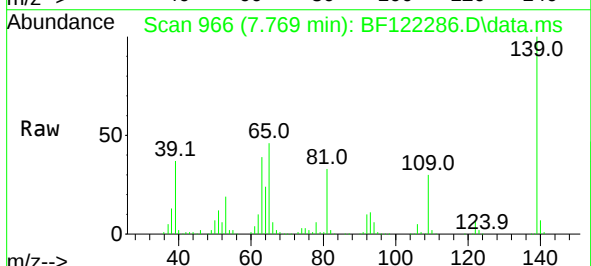
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

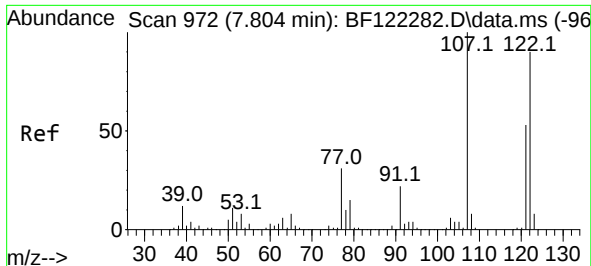
Tgt Ion: 82 Resp: 1447961  
Ion Ratio Lower Upper  
82 100  
95 7.2 5.4 8.0  
138 18.0 13.4 20.0



#26  
2-Nitrophenol  
Concen: 41.08 ng  
RT: 7.769 min Scan# 966  
Delta R.T. -0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:139 Resp: 327124  
Ion Ratio Lower Upper  
139 100  
109 29.7 23.0 34.4  
65 45.9 39.9 59.9





#27

2,4-Dimethylphenol

Concen: 40.38 ng

RT: 7.804 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

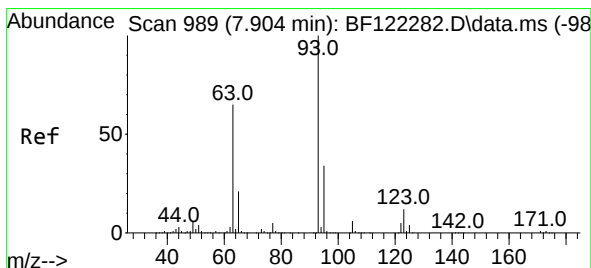
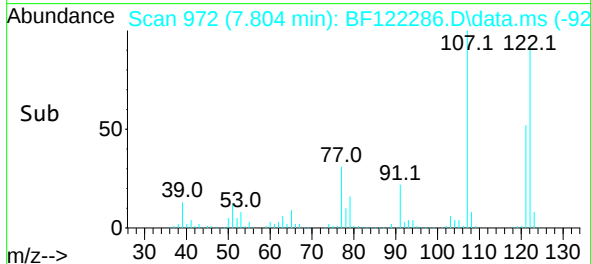
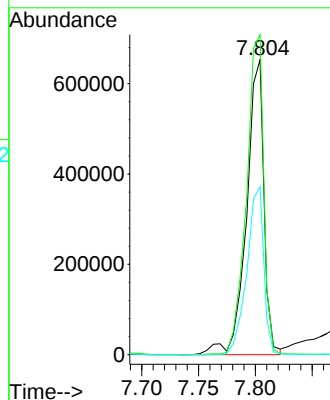
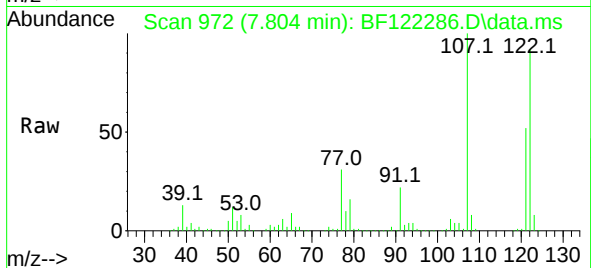
Tgt Ion:122 Resp: 700206

Ion Ratio Lower Upper

122 100

107 108.5 90.8 136.2

121 56.9 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 39.70 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

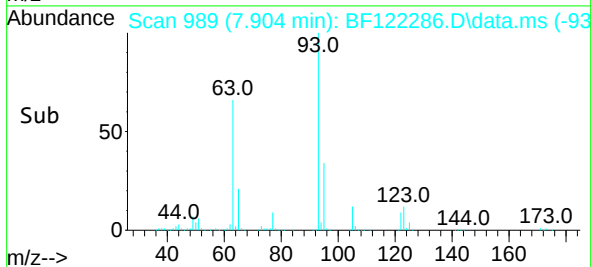
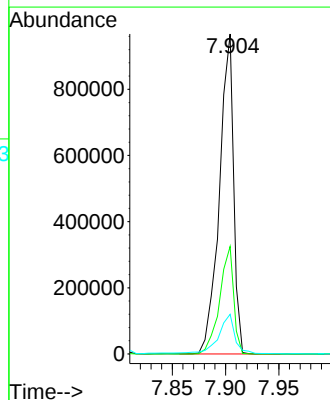
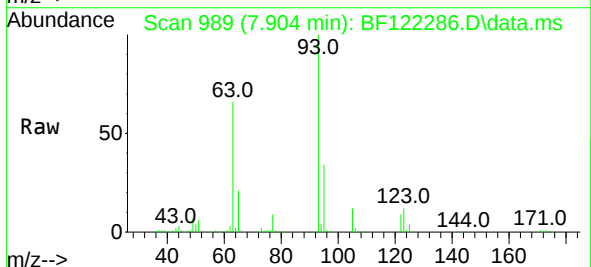
Tgt Ion: 93 Resp: 892766

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.4

123 12.4 8.8 13.2

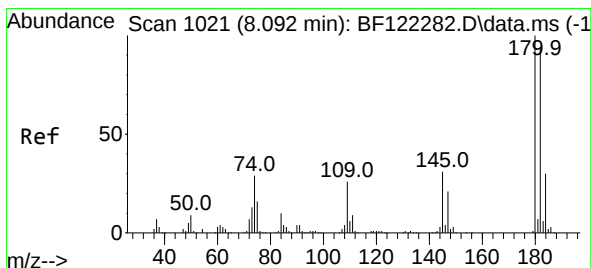
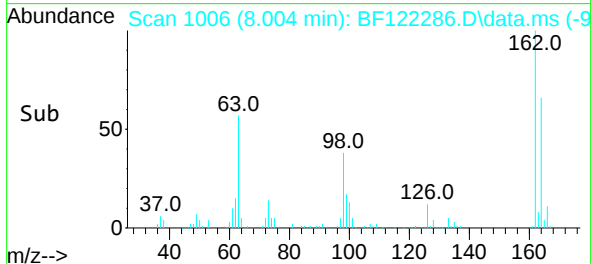
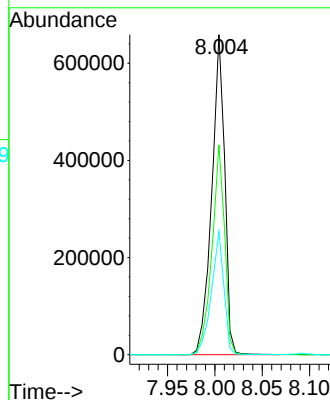
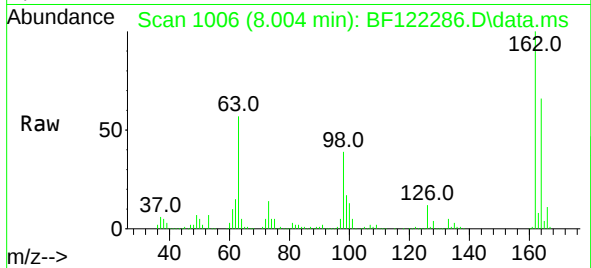




#29  
2,4-Dichlorophenol  
Concen: 40.76 ng  
RT: 8.004 min Scan# 1006  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

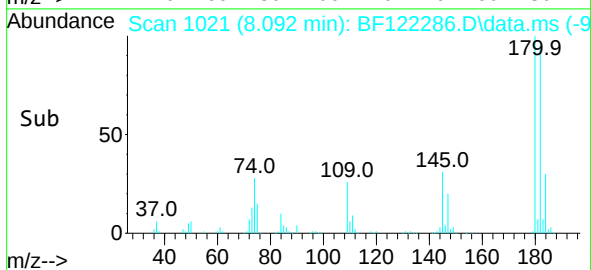
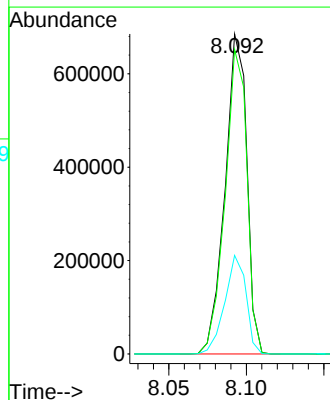
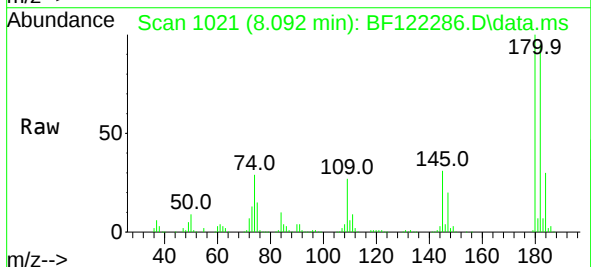
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

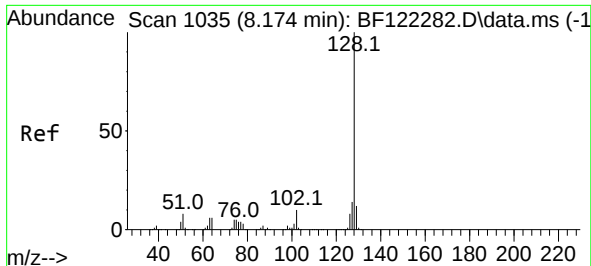
Tgt Ion:162 Resp: 625891  
Ion Ratio Lower Upper  
162 100  
164 65.5 42.5 82.5  
98 38.5 20.1 60.1



#30  
1,2,4-Trichlorobenzene  
Concen: 39.58 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:180 Resp: 670724  
Ion Ratio Lower Upper  
180 100  
182 95.1 79.4 119.2  
145 30.8 25.5 38.3

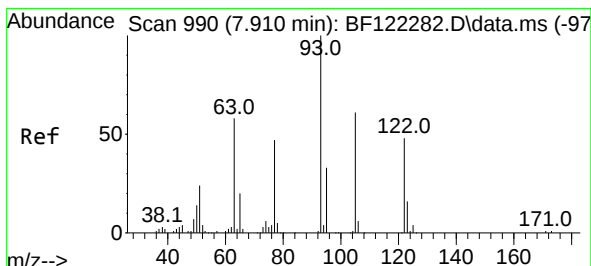
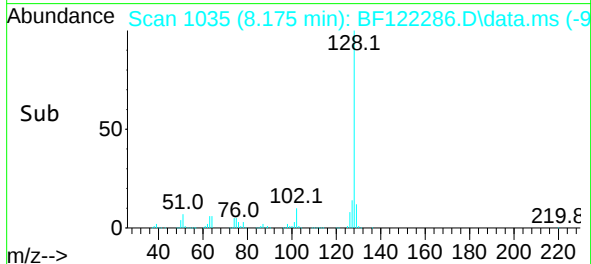
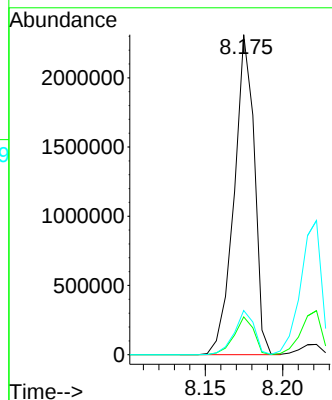
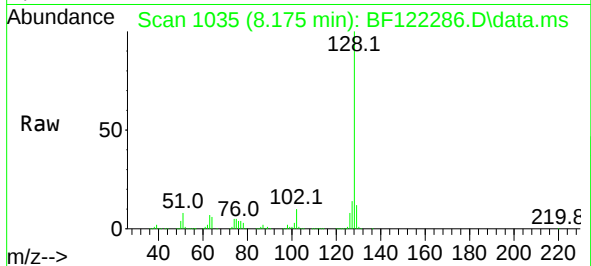




#31  
Naphthalene  
Concen: 39.01 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

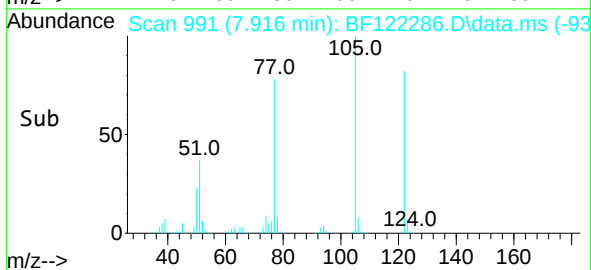
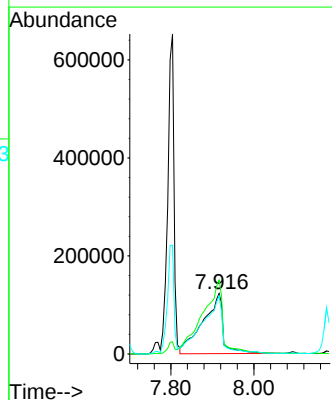
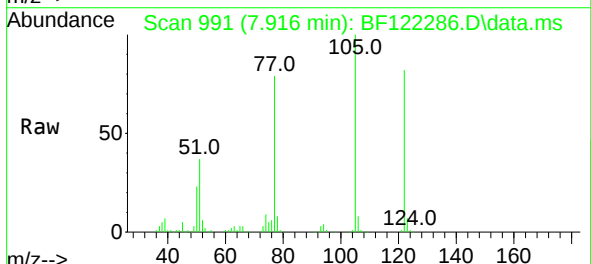
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

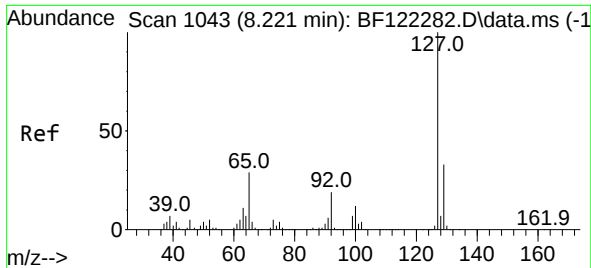
Tgt Ion:128 Resp: 2094091  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.7 13.1  
127 13.8 10.8 16.2



#32  
Benzoic acid  
Concen: 44.62 ng  
RT: 7.916 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:122 Resp: 421879  
Ion Ratio Lower Upper  
122 100  
105 122.3 103.3 143.3  
77 96.3 73.9 113.9

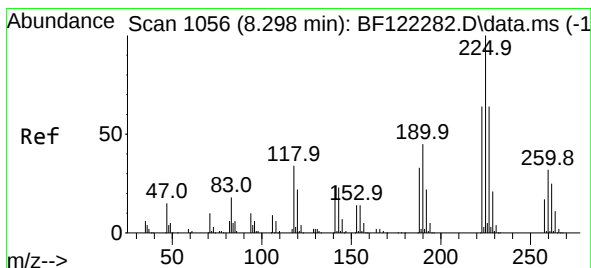
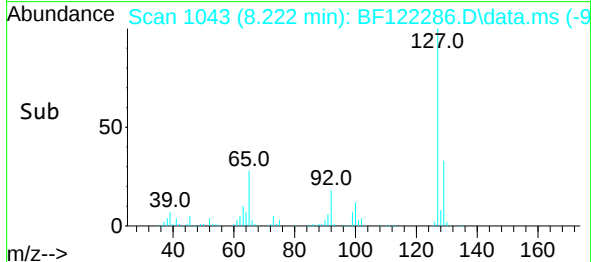
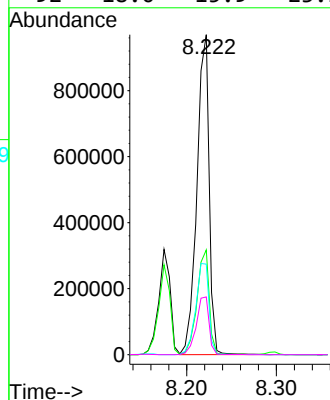
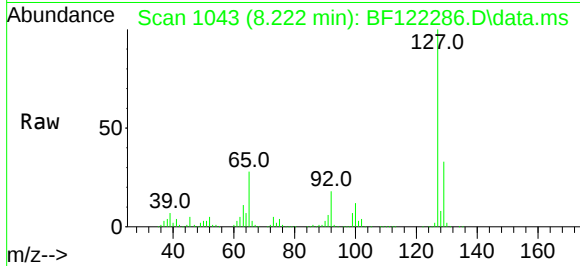




#33  
4-Chloroaniline  
Concen: 39.28 ng  
RT: 8.222 min Scan# 1043  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

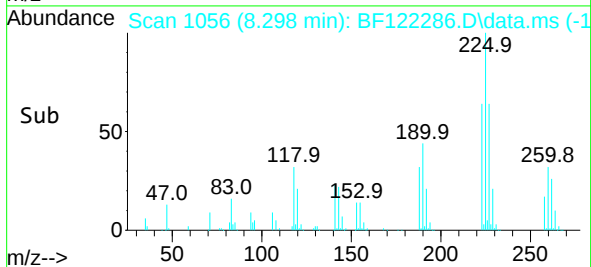
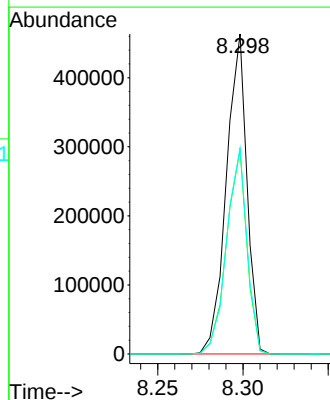
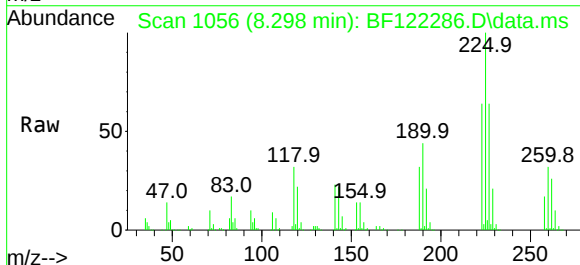
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

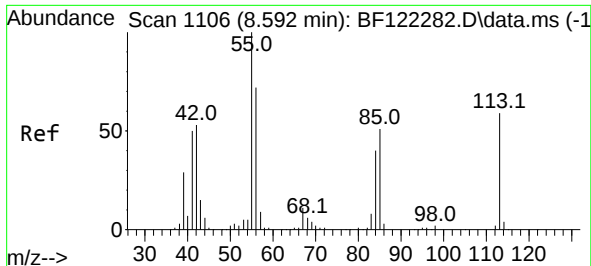
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 918316 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.8  | 26.3  | 39.5   |
| 65       | 28.3  | 26.2  | 39.2   |
| 92       | 18.0  | 15.9  | 23.9   |



#34  
Hexachlorobutadiene  
Concen: 39.96 ng  
RT: 8.298 min Scan# 1056  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 389260 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.7  | 51.1  | 76.7   |
| 227      | 64.3  | 51.0  | 76.6   |

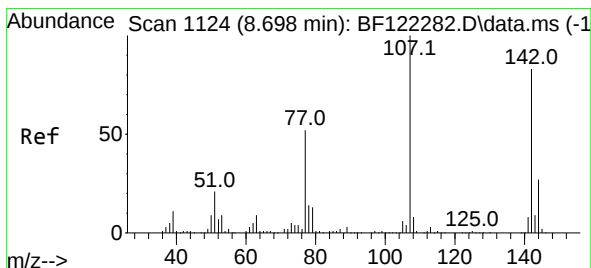
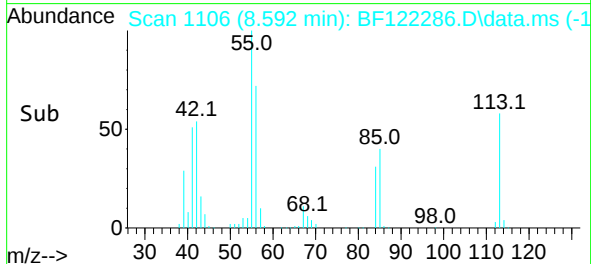
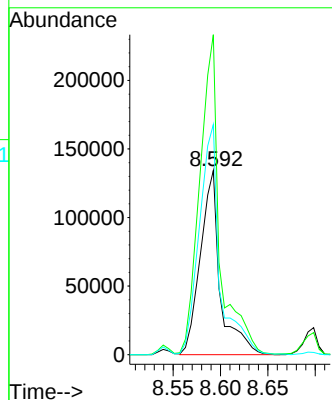
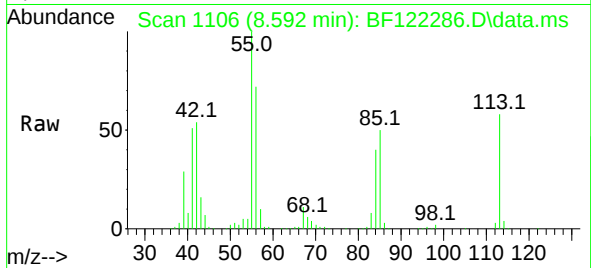




#35  
 Caprolactam  
 Concen: 40.31 ng  
 RT: 8.592 min Scan# 1106  
 Delta R.T. 0.000 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

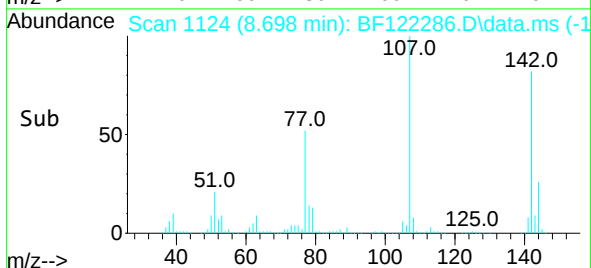
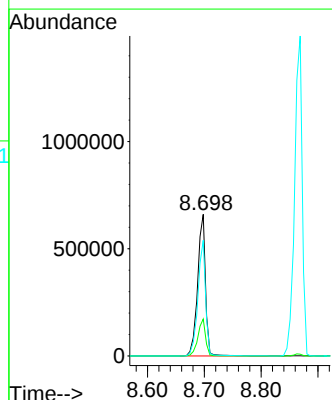
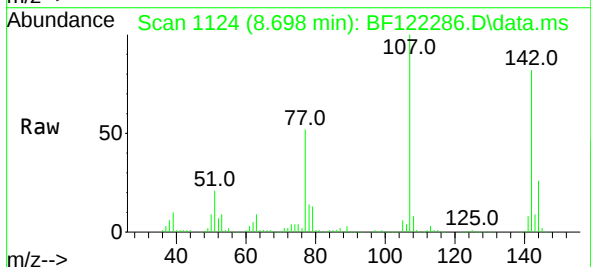
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF110920

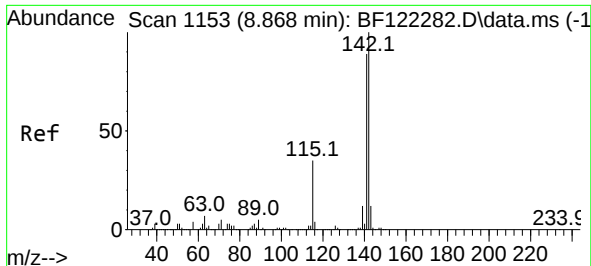
Tgt Ion:113 Resp: 196168  
 Ion Ratio Lower Upper  
 113 100  
 55 173.8 167.5 207.5  
 56 125.0 121.2 161.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.11 ng  
 RT: 8.698 min Scan# 1124  
 Delta R.T. 0.000 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

Tgt Ion:107 Resp: 642410  
 Ion Ratio Lower Upper  
 107 100  
 144 26.1 20.1 30.1  
 142 81.8 59.3 88.9

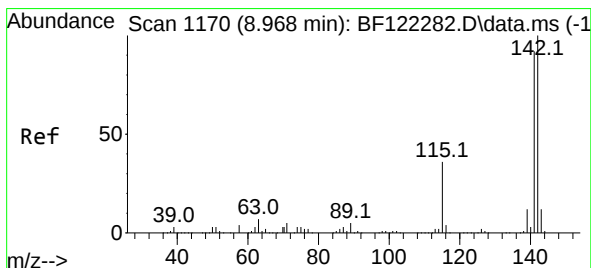
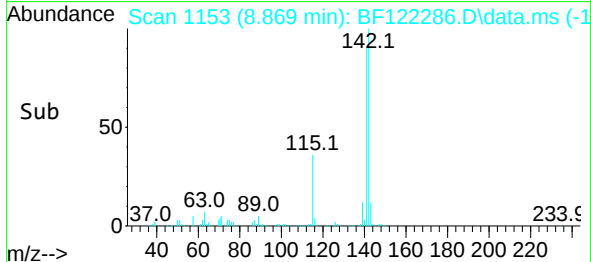
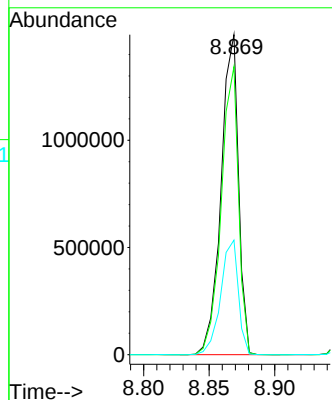
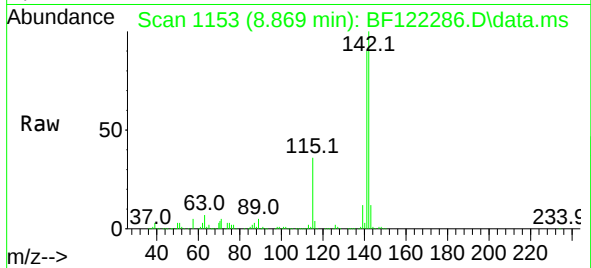




#37  
2-Methylnaphthalene  
Concen: 38.91 ng  
RT: 8.869 min Scan# 1153  
Delta R.T. 0.001 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

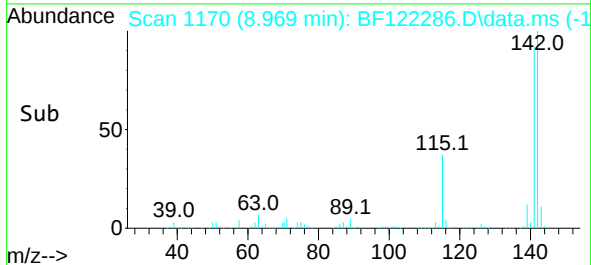
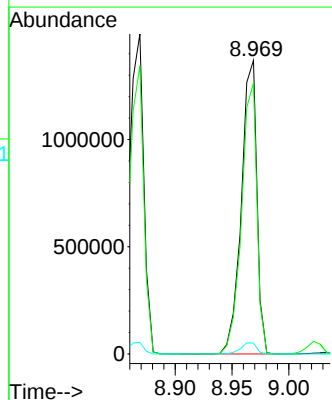
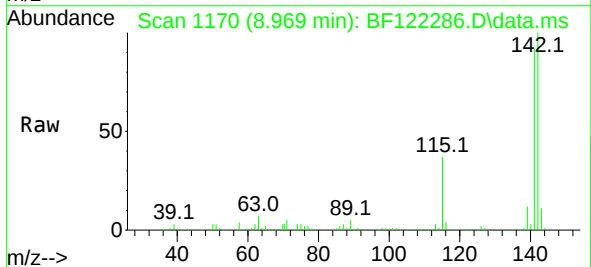
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BNA\_F  
ClientSampleId :  
ICVBF110920

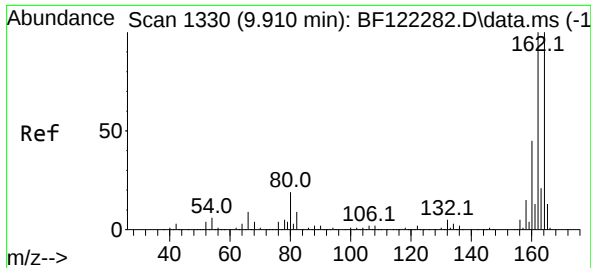
Tgt Ion:142 Resp: 1379757  
Ion Ratio Lower Upper  
142 100  
141 90.0 70.2 105.4  
115 35.8 28.6 43.0



#38  
1-Methylnaphthalene  
Concen: 39.19 ng  
RT: 8.969 min Scan# 1170  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:142 Resp: 1300908  
Ion Ratio Lower Upper  
142 100  
141 92.3 74.5 111.7  
116 3.7 3.2 4.8

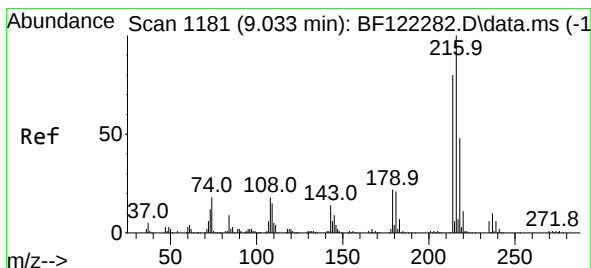
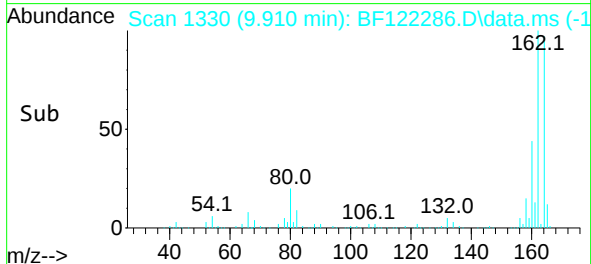
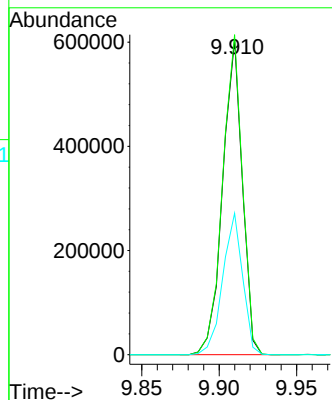
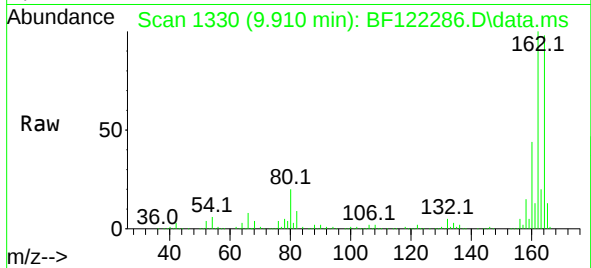




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

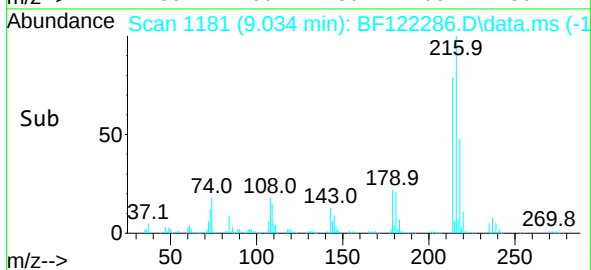
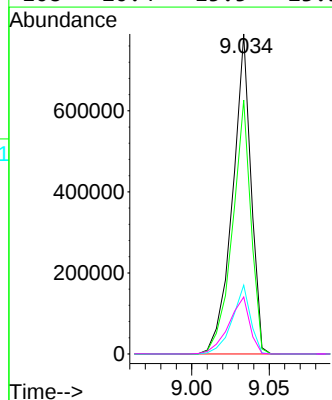
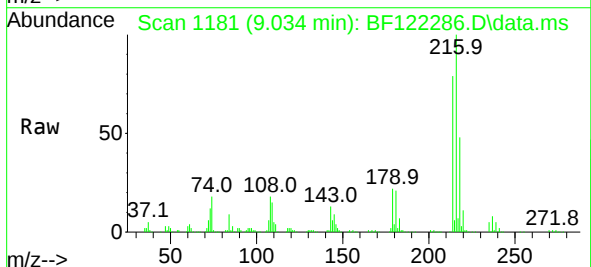
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BNA\_F  
ClientSampleId :  
ICVBF110920

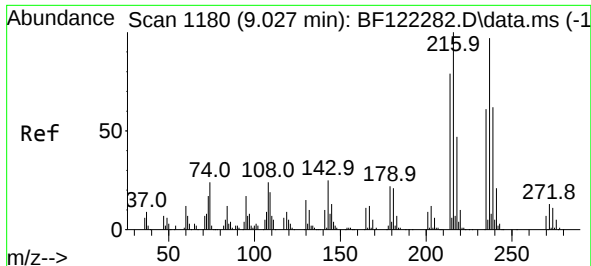
Tgt Ion:164 Resp: 533557  
Ion Ratio Lower Upper  
164 100  
162 101.6 83.2 124.8  
160 44.9 37.5 56.3



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 39.68 ng  
RT: 9.034 min Scan# 1181  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:216 Resp: 652408  
Ion Ratio Lower Upper  
216 100  
214 79.3 63.4 95.2  
179 21.4 17.0 25.6  
108 20.4 15.5 23.3

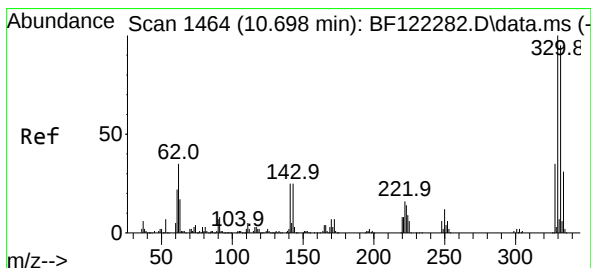
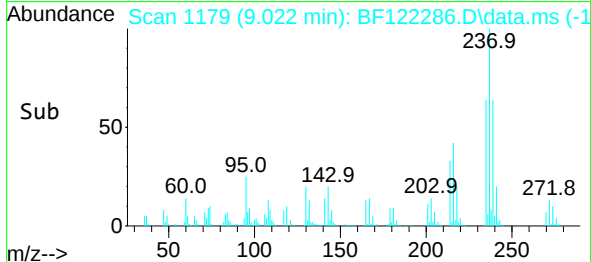
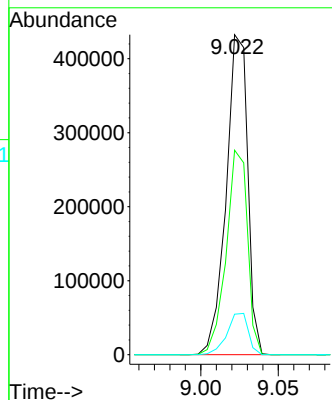
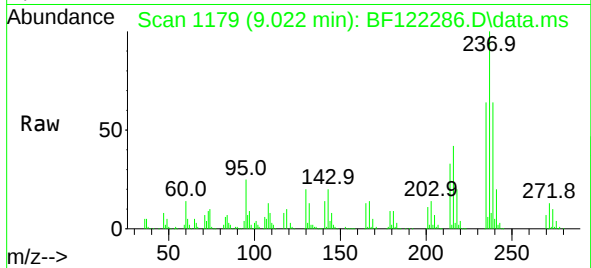




#41  
Hexachlorocyclopentadiene  
Concen: 43.52 ng  
RT: 9.022 min Scan# 1179  
Delta R.T. -0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

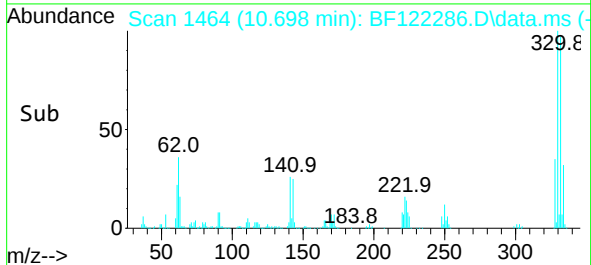
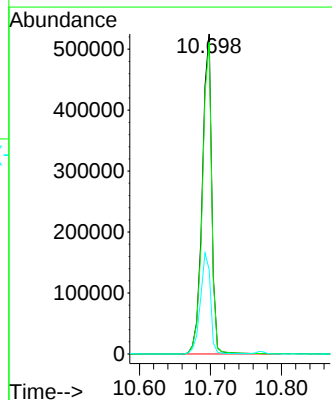
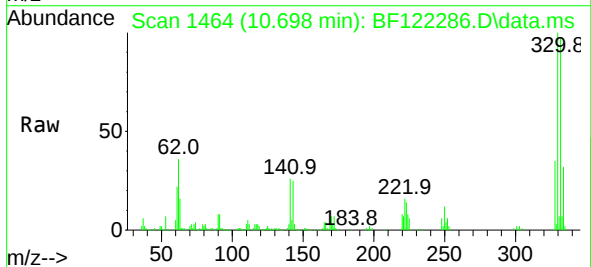
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ICVBF110920

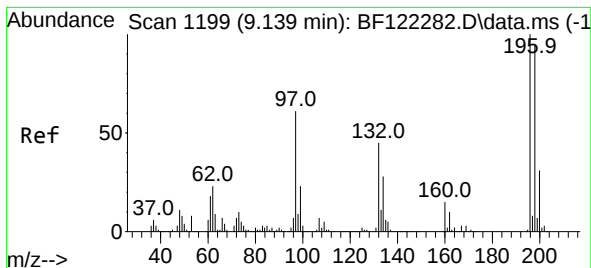
Tgt Ion:237 Resp: 418380  
Ion Ratio Lower Upper  
237 100  
235 63.9 41.8 81.8  
272 12.6 0.0 33.5



#42  
2,4,6-Tribromophenol  
Concen: 84.63 ng  
RT: 10.698 min Scan# 1464  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:330 Resp: 484657  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.3 115.9  
141 33.8 22.3 33.5#

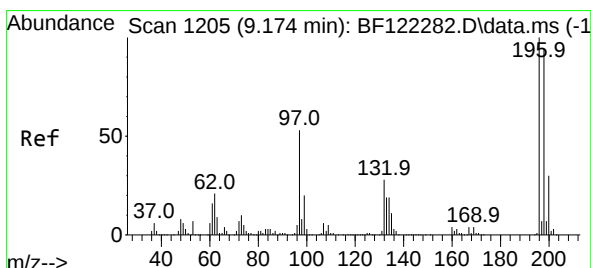
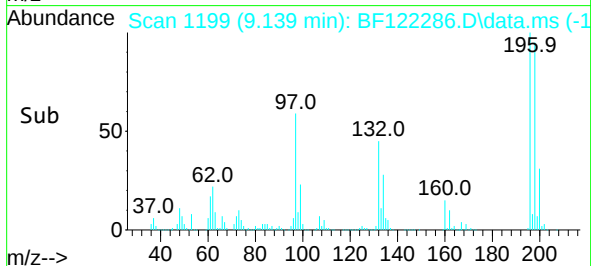
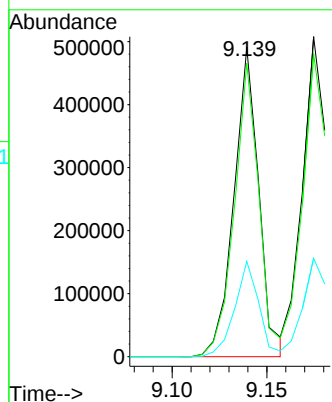
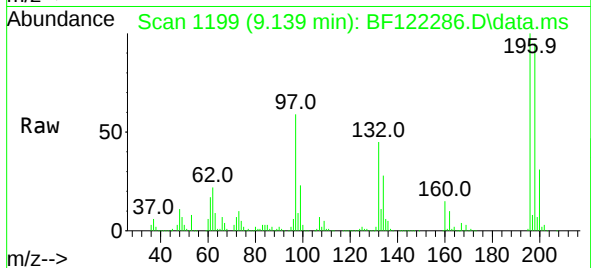




#43  
2,4,6-Trichlorophenol  
Concen: 41.81 ng  
RT: 9.139 min Scan# 1199  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

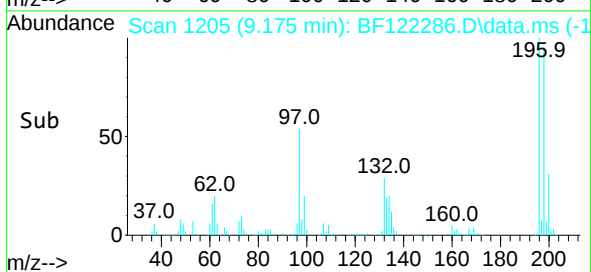
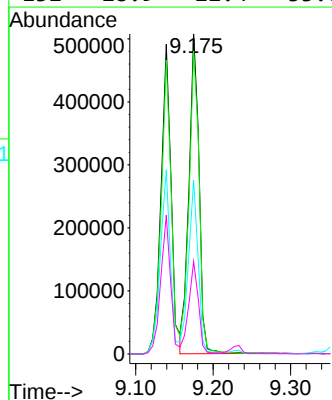
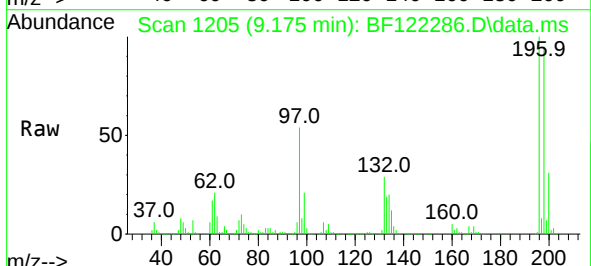
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

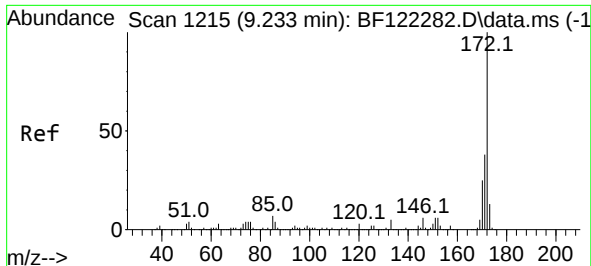
Tgt Ion:196 Resp: 446425  
Ion Ratio Lower Upper  
196 100  
198 94.8 75.8 113.6  
200 30.8 24.6 36.8



#44  
2,4,5-Trichlorophenol  
Concen: 41.24 ng  
RT: 9.175 min Scan# 1205  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:196 Resp: 461644  
Ion Ratio Lower Upper  
196 100  
198 94.6 76.1 114.1  
97 54.4 41.0 61.6  
132 28.9 22.4 33.6

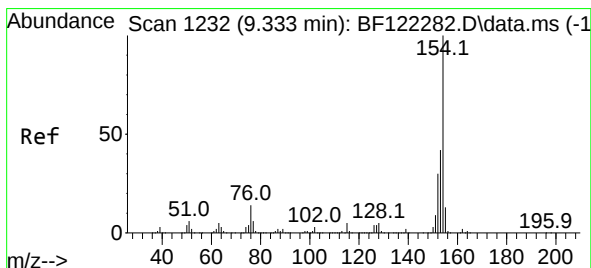
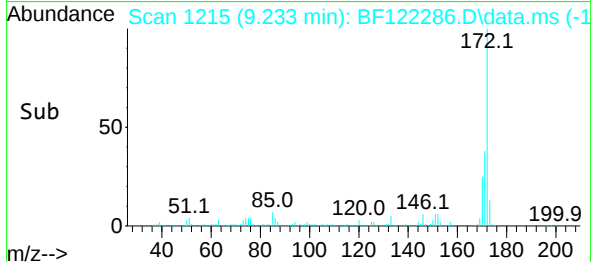
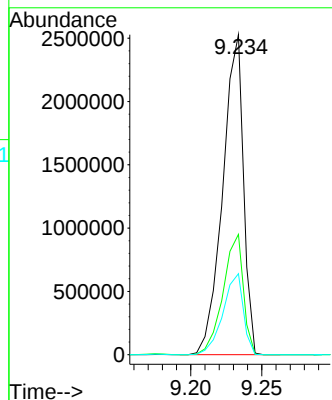
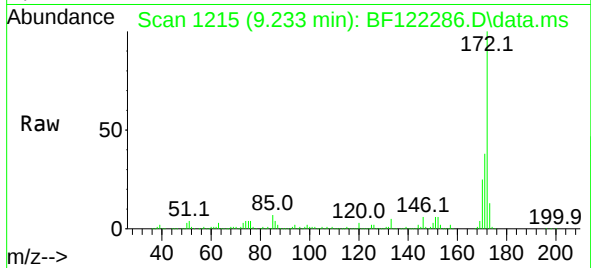




#45  
2-Fluorobiphenyl  
Concen: 74.88 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

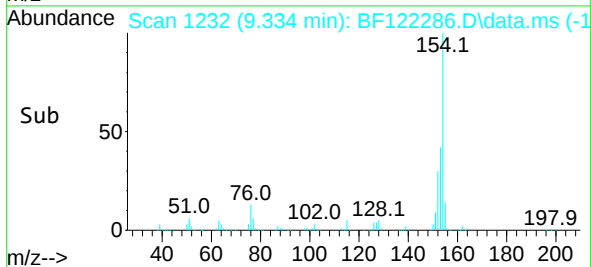
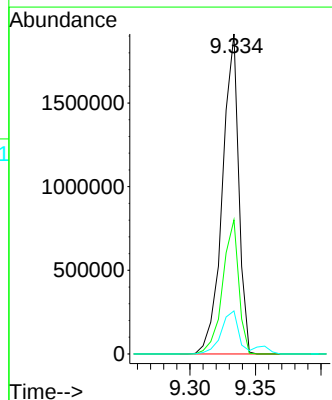
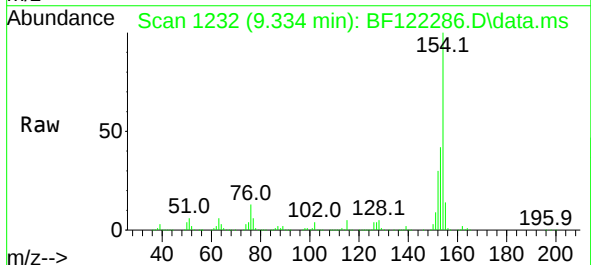
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

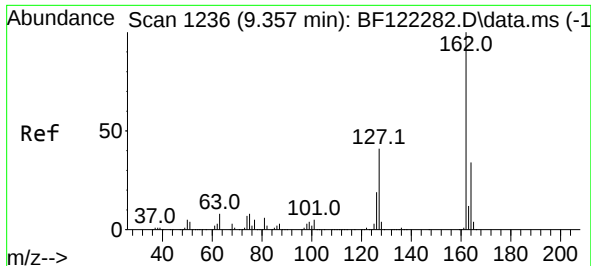
Tgt Ion:172 Resp: 2557115  
Ion Ratio Lower Upper  
172 100  
171 37.6 29.1 43.7  
170 25.3 19.8 29.6



#46  
1,1'-Biphenyl  
Concen: 38.85 ng  
RT: 9.334 min Scan# 1232  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:154 Resp: 1650083  
Ion Ratio Lower Upper  
154 100  
153 41.9 21.3 61.3  
76 13.5 0.0 34.7

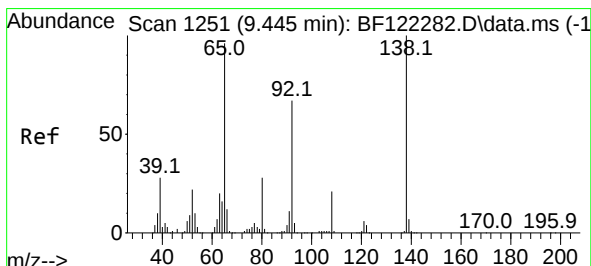
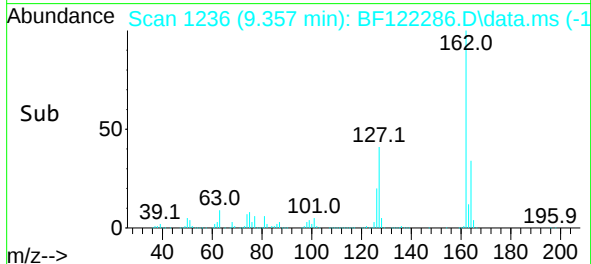
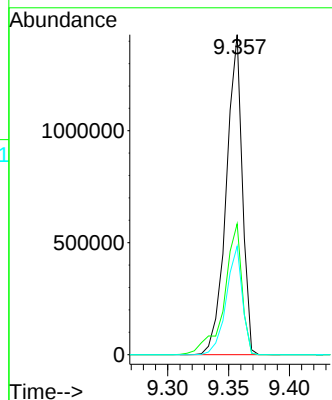
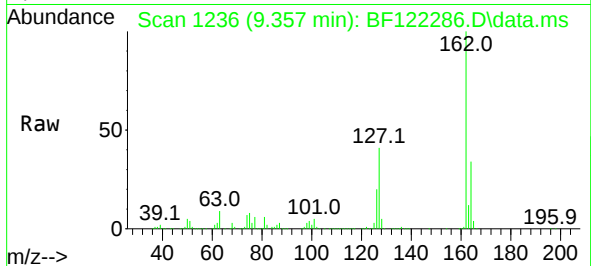




#47  
2-Chloronaphthalene  
Concen: 38.90 ng  
RT: 9.357 min Scan# 1236  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

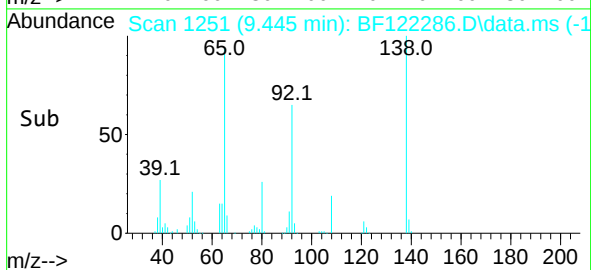
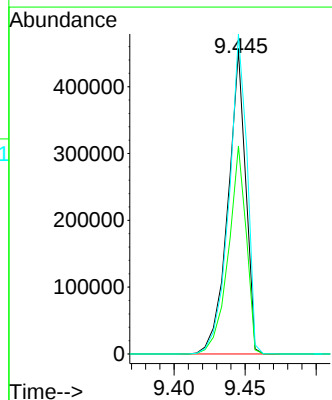
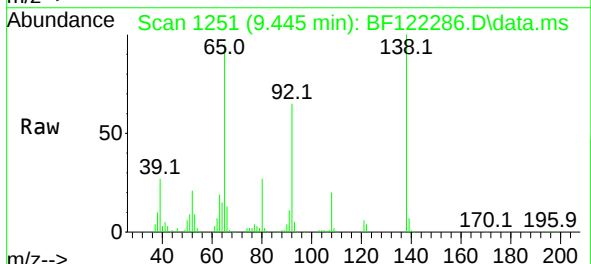
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

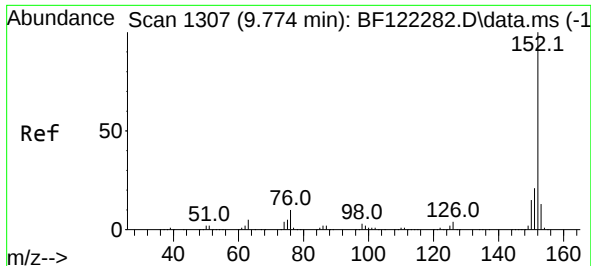
Tgt Ion:162 Resp: 1311338  
Ion Ratio Lower Upper  
162 100  
127 40.9 34.4 51.6  
164 33.9 26.3 39.5



#48  
2-Nitroaniline  
Concen: 40.26 ng  
RT: 9.445 min Scan# 1251  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion: 65 Resp: 394895  
Ion Ratio Lower Upper  
65 100  
92 68.5 55.1 82.7  
138 105.5 80.5 120.7

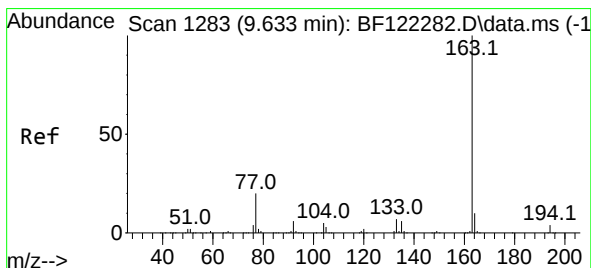
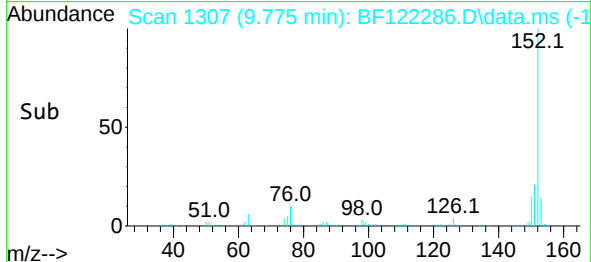
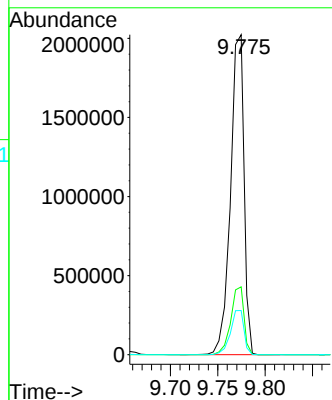
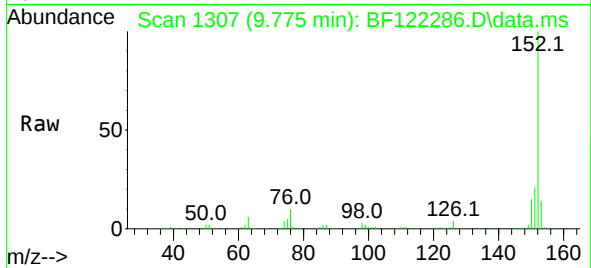




#49  
Acenaphthylene  
Concen: 38.91 ng  
RT: 9.775 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

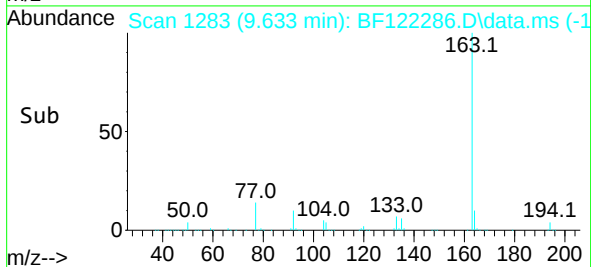
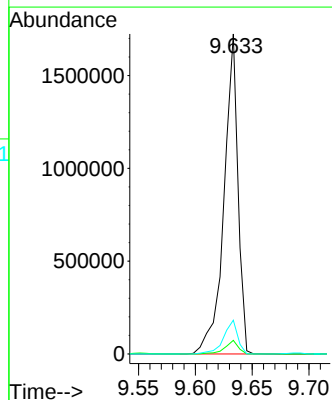
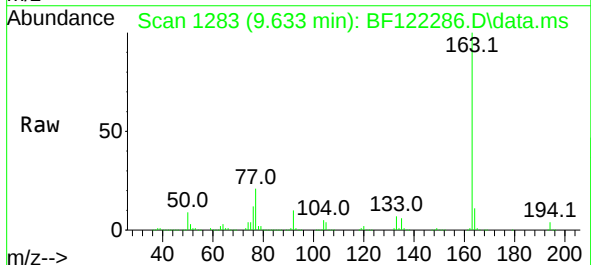
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

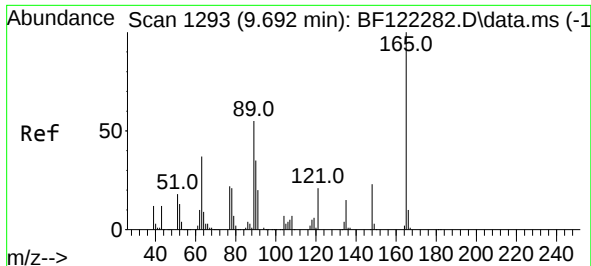
Tgt Ion:152 Resp: 2015834  
Ion Ratio Lower Upper  
152 100  
151 21.2 16.4 24.6  
153 13.8 10.6 15.8



#50  
Dimethylphthalate  
Concen: 39.07 ng  
RT: 9.633 min Scan# 1283  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:163 Resp: 1481752  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.3 4.9  
164 10.5 8.2 12.4

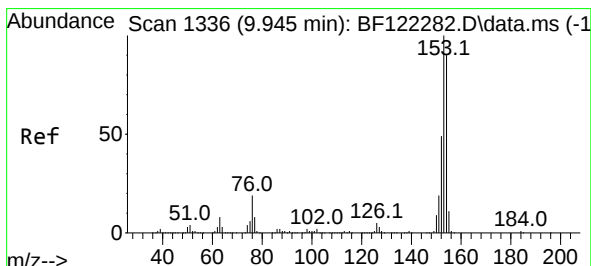
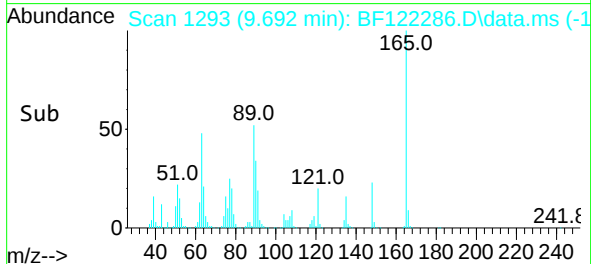
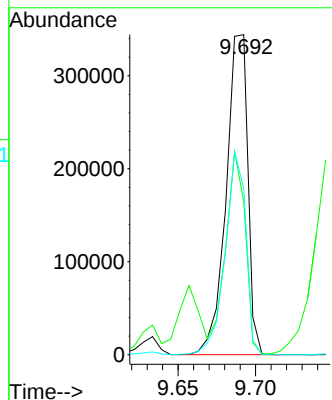
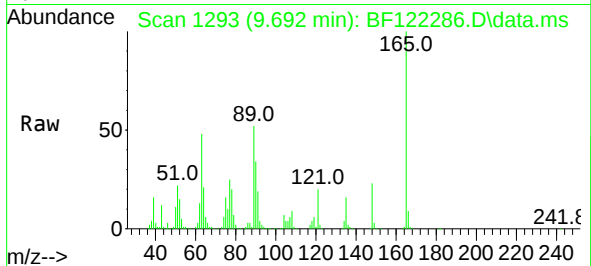




#51  
2,6-Dinitrotoluene  
Concen: 40.53 ng  
RT: 9.692 min Scan# 1293  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

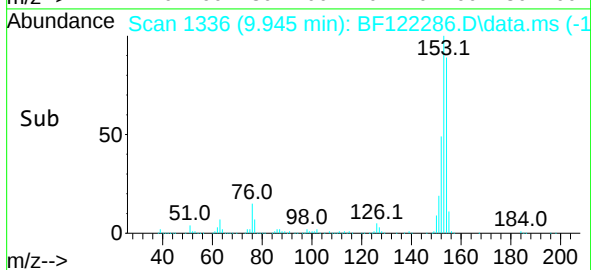
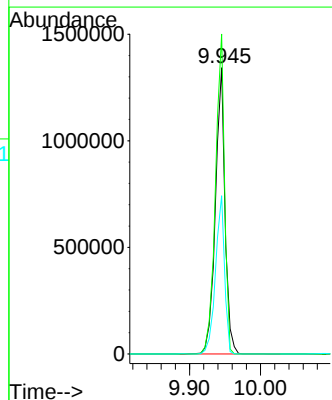
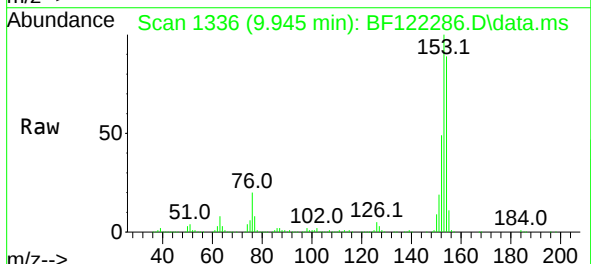
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

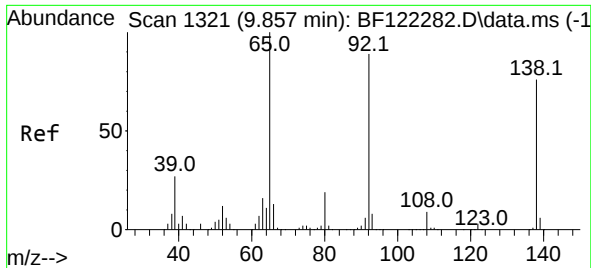
Tgt Ion:165 Resp: 336664  
Ion Ratio Lower Upper  
165 100  
63 48.0 51.8 77.6#  
89 51.9 49.0 73.6



#52  
Acenaphthene  
Concen: 39.38 ng  
RT: 9.945 min Scan# 1336  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:154 Resp: 1262714  
Ion Ratio Lower Upper  
154 100  
153 111.8 89.8 134.8  
152 55.3 43.2 64.8

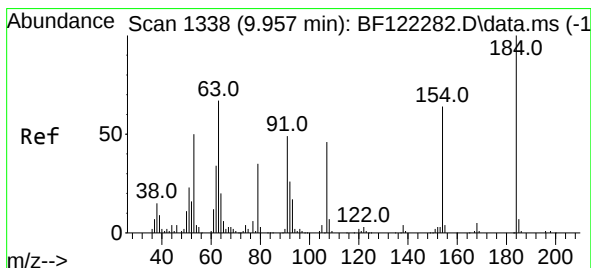
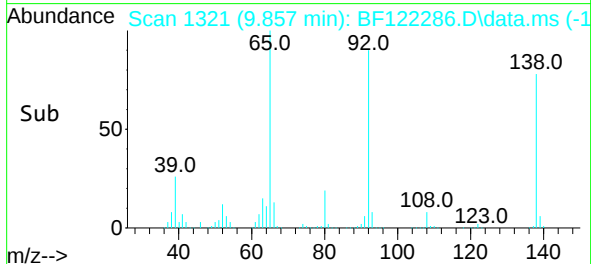
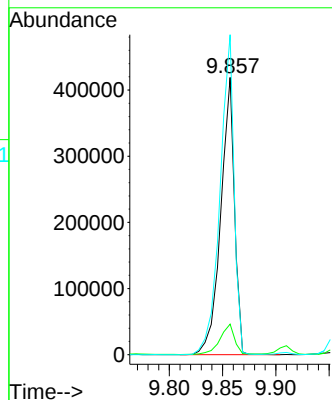
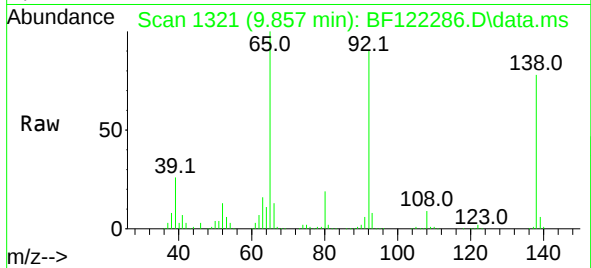




#53  
3-Nitroaniline  
Concen: 39.66 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

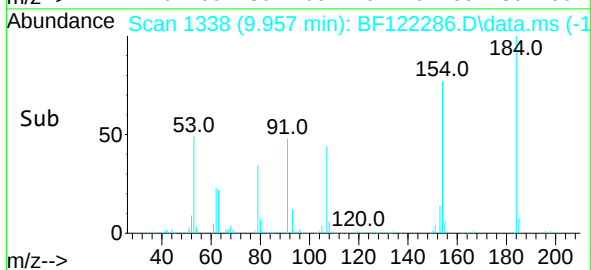
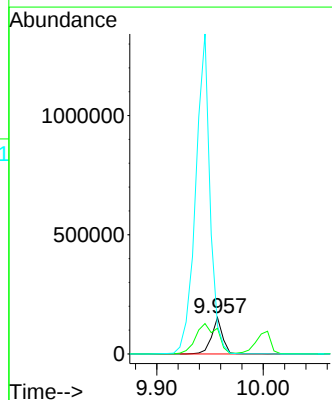
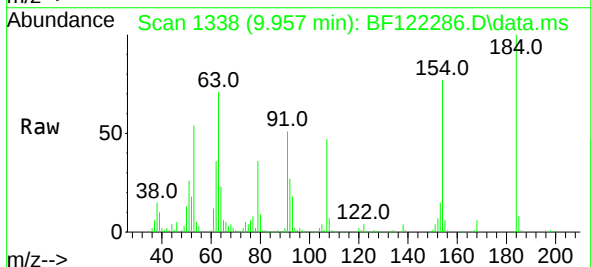
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ClientSampleId :  
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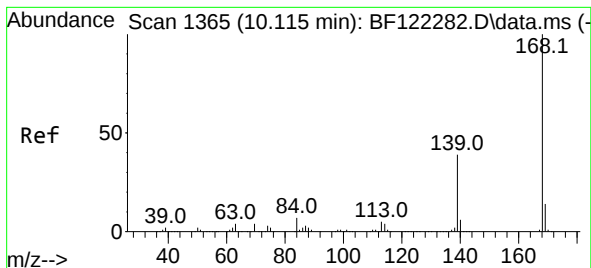
Tgt Ion:138 Resp: 374872  
Ion Ratio Lower Upper  
138 100  
108 11.0 8.6 13.0  
92 115.4 96.6 144.8



#54  
2,4-Dinitrophenol  
Concen: 45.09 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:184 Resp: 109158  
Ion Ratio Lower Upper  
184 100  
63 70.8 45.9 68.9#  
154 77.4 45.8 68.6#

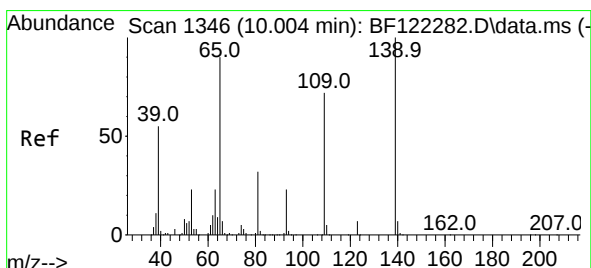
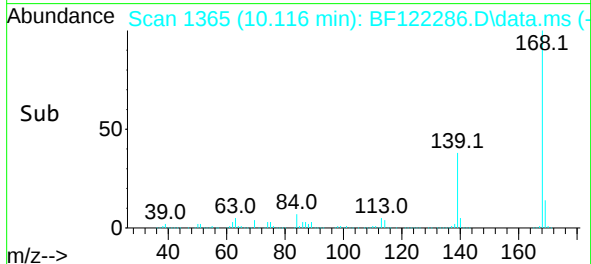
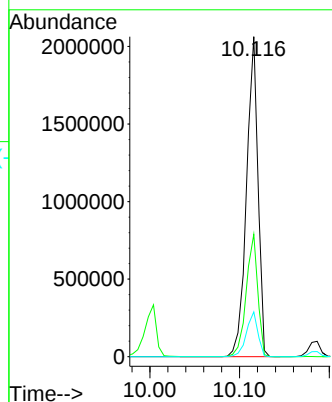
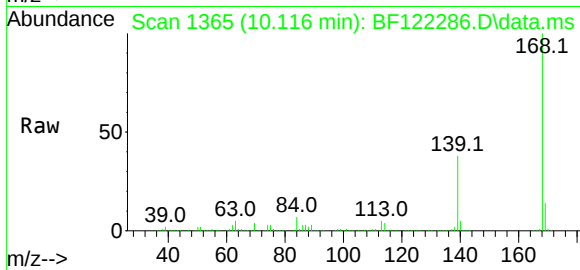




#55  
Dibenzofuran  
Concen: 39.03 ng  
RT: 10.116 min Scan# 1365  
Delta R.T. 0.001 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

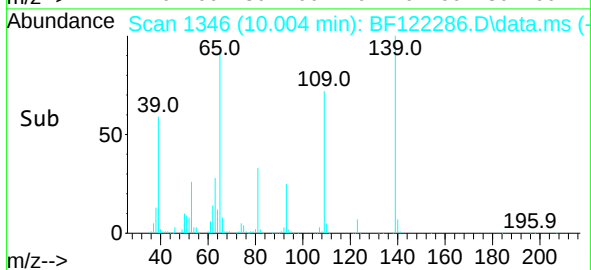
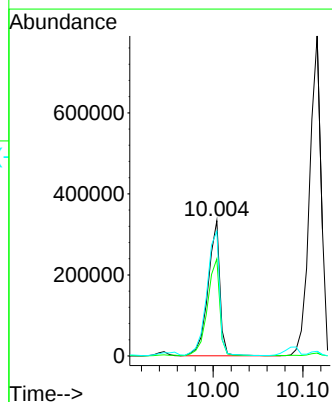
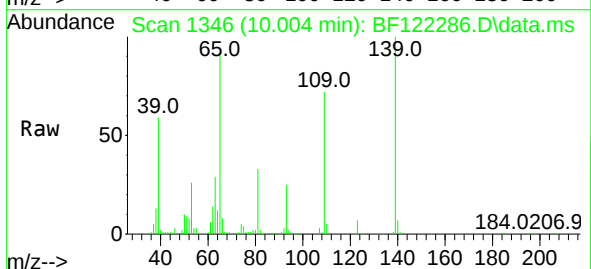
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BNA\_F  
ClientSampleId :  
ICVBF110920

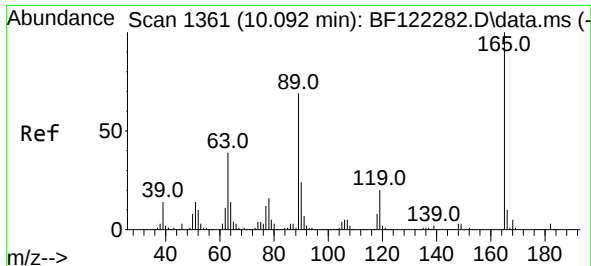
Tgt Ion:168 Resp: 1833793  
Ion Ratio Lower Upper  
168 100  
139 38.3 31.0 46.6  
169 14.0 11.3 16.9



#56  
4-Nitrophenol  
Concen: 39.88 ng  
RT: 10.004 min Scan# 1346  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

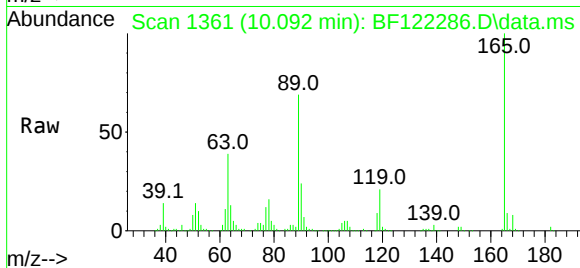
Tgt Ion:139 Resp: 305826  
Ion Ratio Lower Upper  
139 100  
109 71.8 45.4 85.4  
65 92.2 68.4 108.4



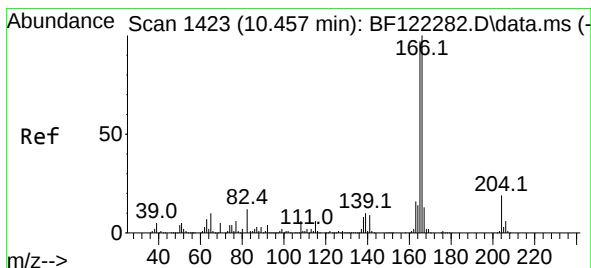
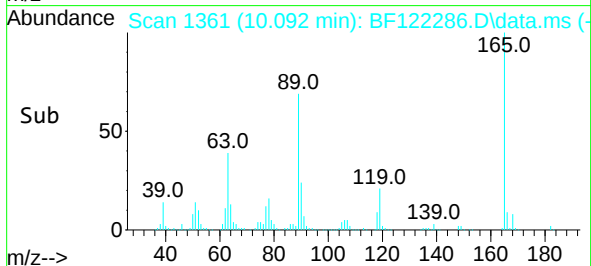
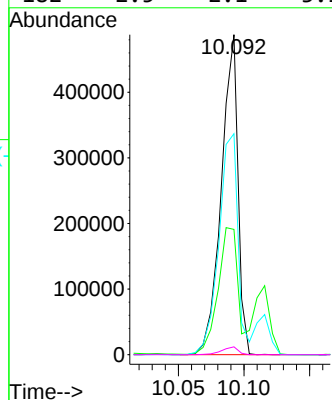


#57  
2,4-Dinitrotoluene  
Concen: 41.21 ng  
RT: 10.092 min Scan# 1361  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

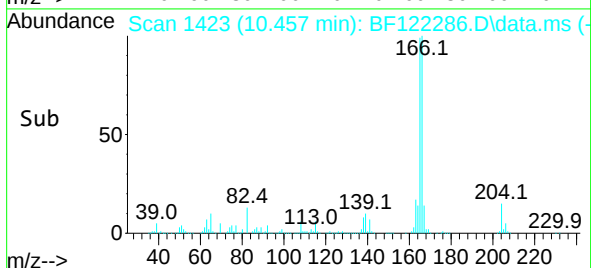
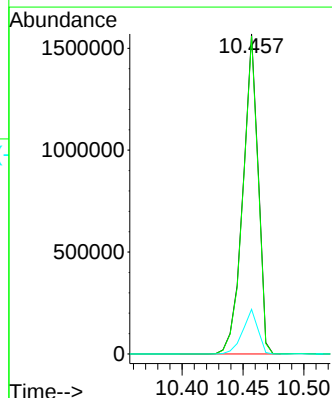
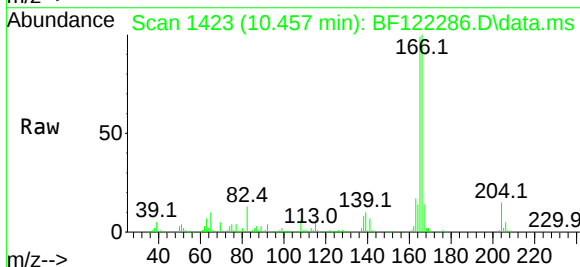


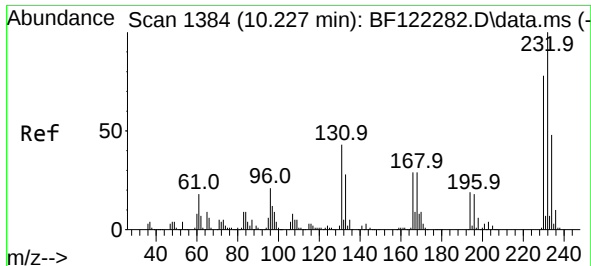
Tgt Ion:165 Resp: 430427  
Ion Ratio Lower Upper  
165 100  
63 39.2 41.3 61.9#  
89 69.1 61.8 92.8  
182 2.5 2.1 3.1



#58  
Fluorene  
Concen: 37.93 ng  
RT: 10.457 min Scan# 1423  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:166 Resp: 1364732  
Ion Ratio Lower Upper  
166 100  
165 99.3 79.1 118.7  
167 14.0 11.0 16.6

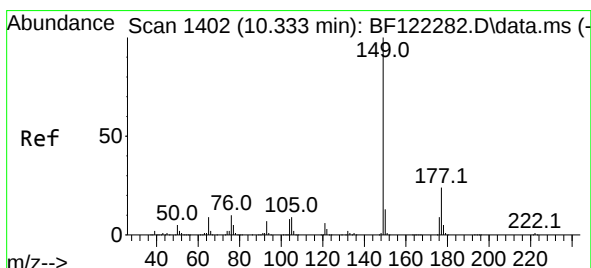
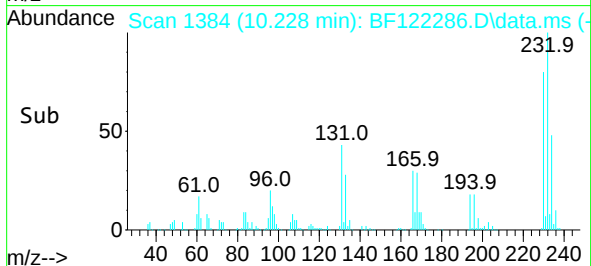
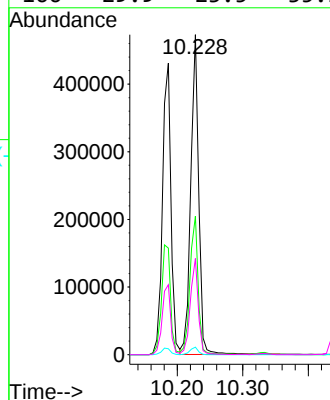
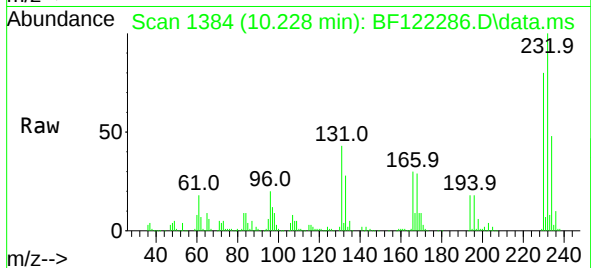




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 42.69 ng  
RT: 10.228 min Scan# 1384  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

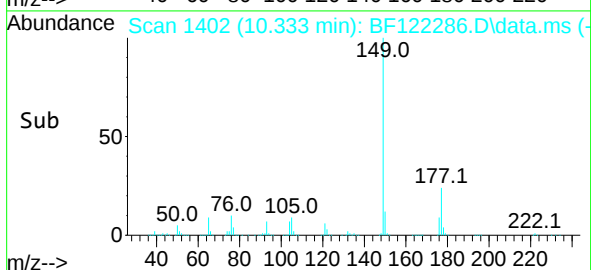
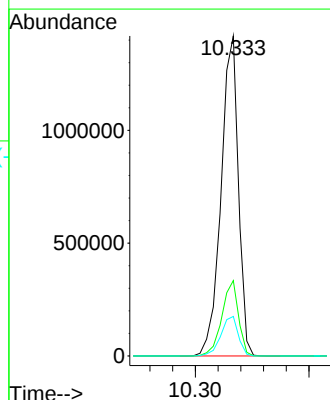
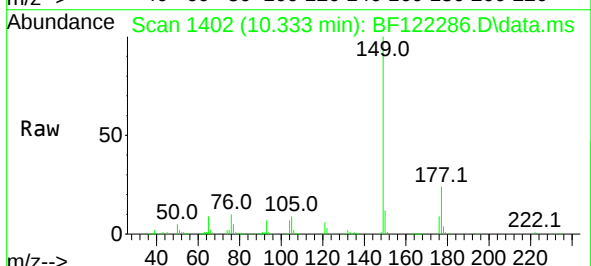
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

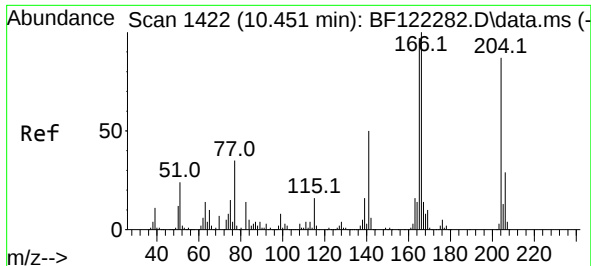
Tgt Ion:232 Resp: 397390  
Ion Ratio Lower Upper  
232 100  
131 44.4 35.9 53.9  
130 2.4 1.8 2.6  
166 29.9 23.5 35.3



#60  
Diethylphthalate  
Concen: 40.40 ng  
RT: 10.333 min Scan# 1402  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:149 Resp: 1502999  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.1 27.1  
150 12.4 10.3 15.5

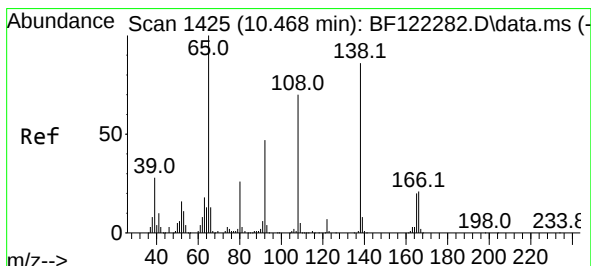
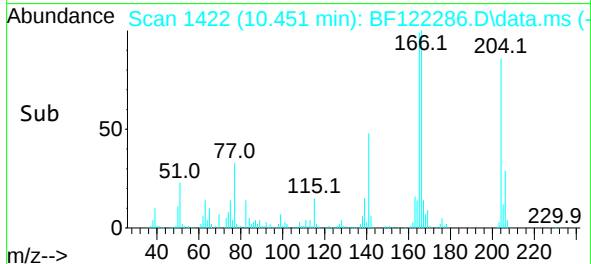
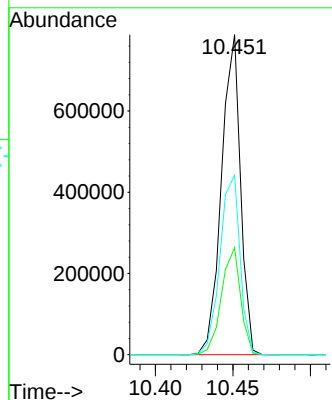
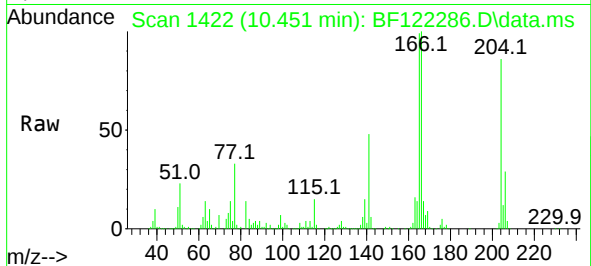




#61  
4-Chlorophenyl-phenylether  
Concen: 39.54 ng  
RT: 10.451 min Scan# 1422  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

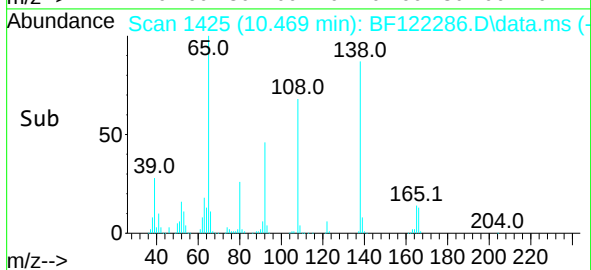
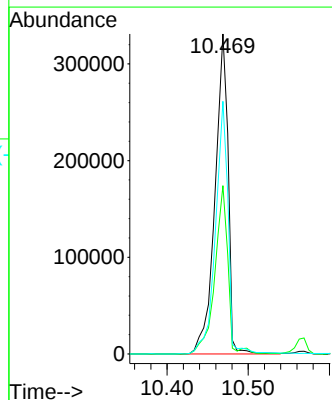
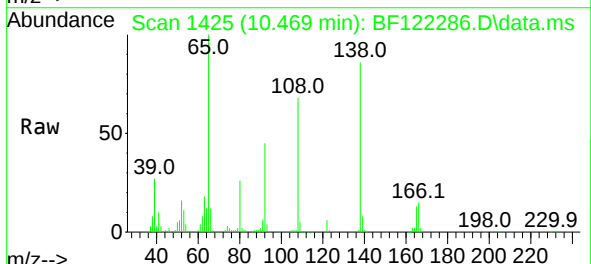
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

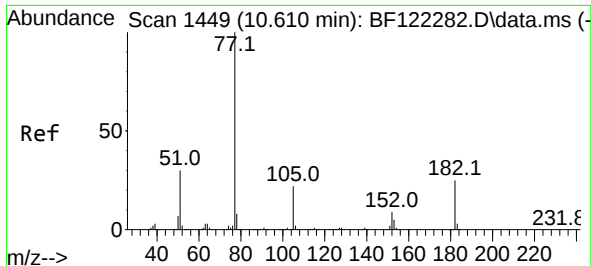
Tgt Ion:204 Resp: 671571  
Ion Ratio Lower Upper  
204 100  
206 33.4 26.0 39.0  
141 56.1 46.2 69.4



#62  
4-Nitroaniline  
Concen: 40.11 ng  
RT: 10.469 min Scan# 1425  
Delta R.T. 0.001 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:138 Resp: 371584  
Ion Ratio Lower Upper  
138 100  
92 52.6 31.0 71.0  
108 78.9 51.5 91.5



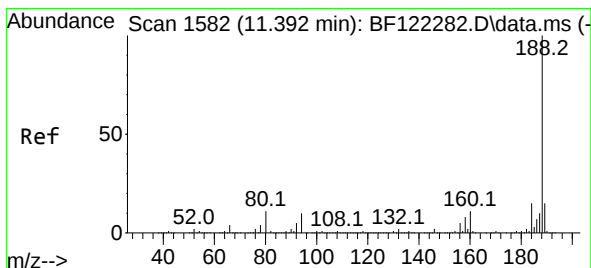
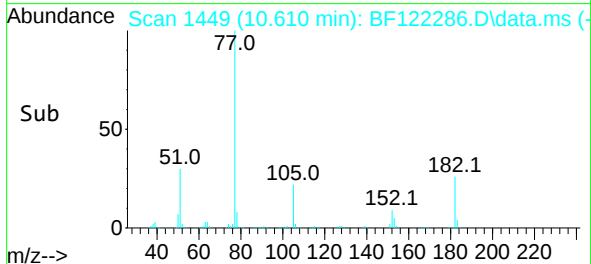
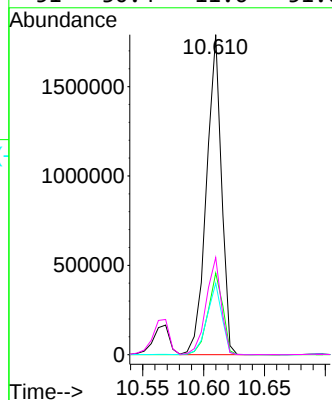
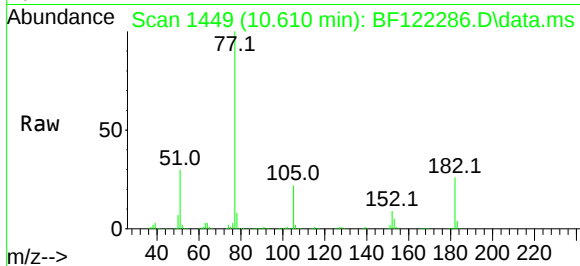


#63  
Azobenzene  
Concen: 39.12 ng  
RT: 10.610 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

Tgt Ion: 77 Resp: 1526902

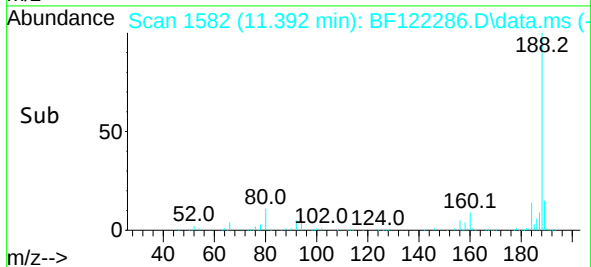
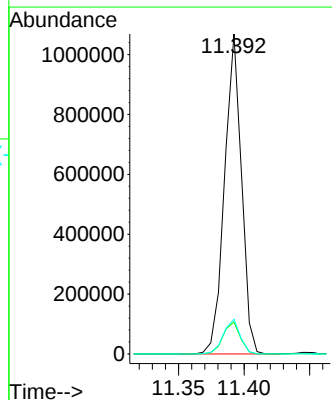
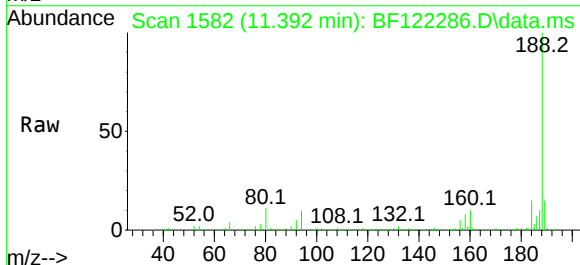
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 182 | 25.5  | 3.4   | 43.4  |
| 105 | 22.4  | 1.7   | 41.7  |
| 51  | 30.4  | 11.6  | 51.6  |

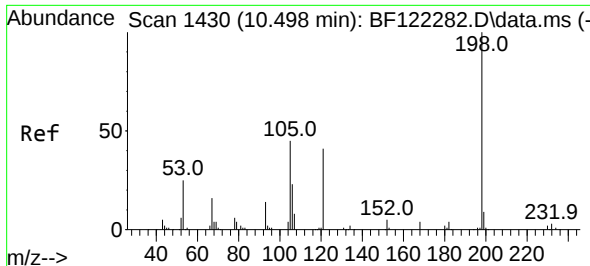


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.392 min Scan# 1582  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion: 188 Resp: 958448

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 188 | 100   |       |       |
| 94  | 10.0  | 8.3   | 12.5  |
| 80  | 10.9  | 9.1   | 13.7  |

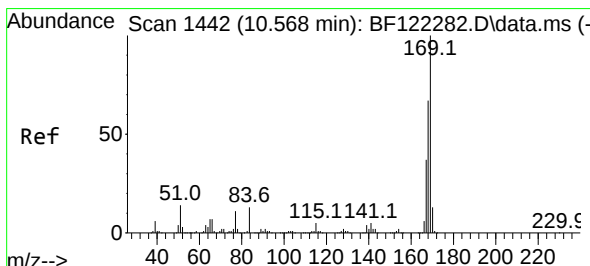
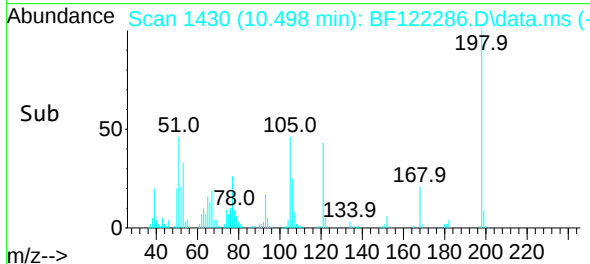
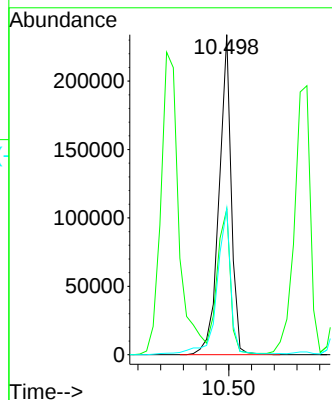
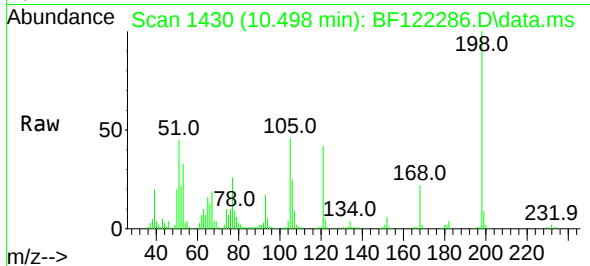




#65  
4,6-Dinitro-2-methylphenol  
Concen: 44.46 ng  
RT: 10.498 min Scan# 1430  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

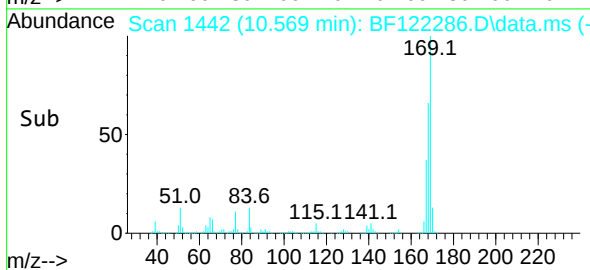
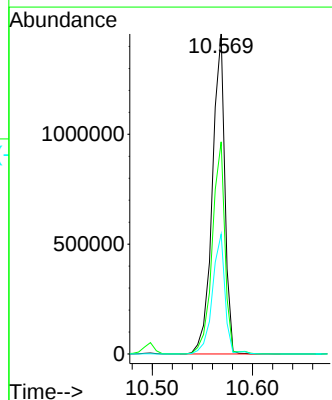
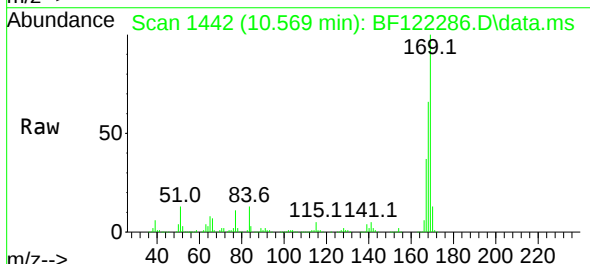
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

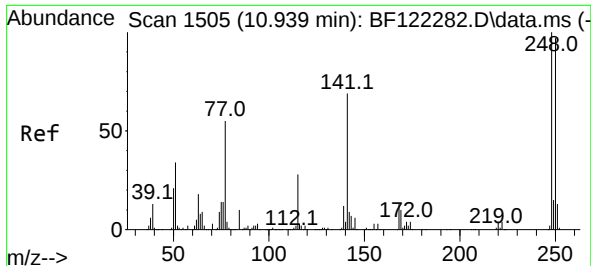
Tgt Ion:198 Resp: 175154  
Ion Ratio Lower Upper  
198 100  
51 45.5 29.6 69.6  
105 45.6 24.4 64.4



#66  
n-Nitrosodiphenylamine  
Concen: 38.76 ng  
RT: 10.569 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:169 Resp: 1265874  
Ion Ratio Lower Upper  
169 100  
168 66.3 50.0 75.0  
167 37.4 27.8 41.6

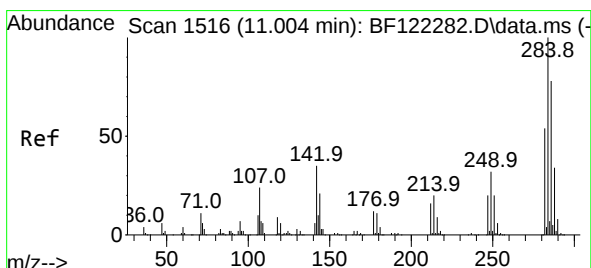
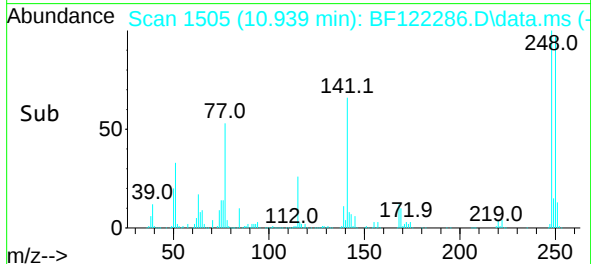
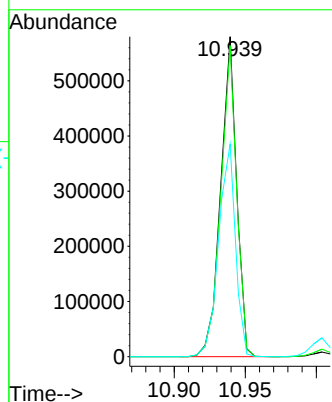
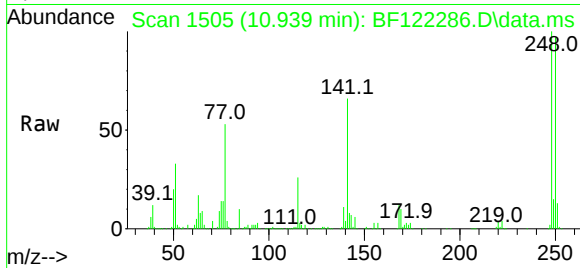




#67  
4-Bromophenyl-phenylether  
Concen: 40.16 ng  
RT: 10.939 min Scan# 1505  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

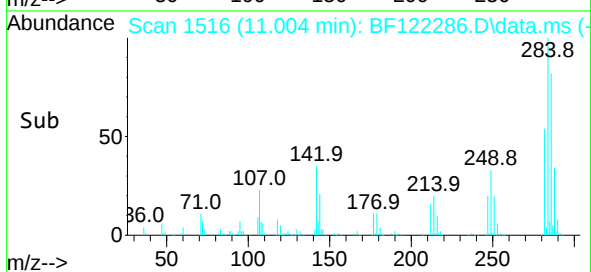
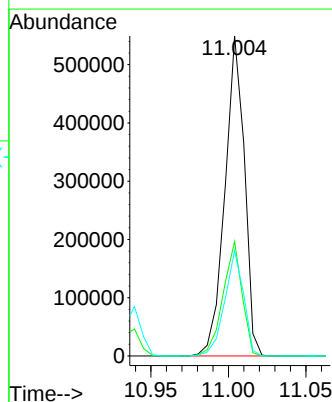
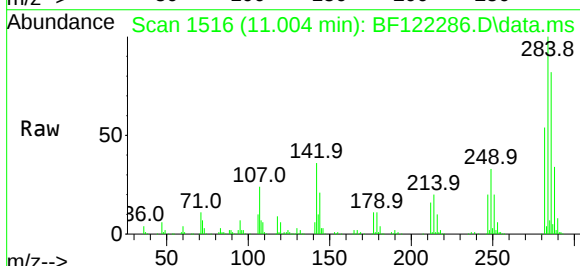
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

Tgt Ion:248 Resp: 452337  
Ion Ratio Lower Upper  
248 100  
250 97.3 77.0 115.6  
141 66.4 53.7 80.5



#68  
Hexachlorobenzene  
Concen: 39.47 ng  
RT: 11.004 min Scan# 1516  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:284 Resp: 480267  
Ion Ratio Lower Upper  
284 100  
142 35.8 27.4 41.2  
249 33.0 24.2 36.4





#69

Atrazine

Concen: 40.40 ng

RT: 11.092 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

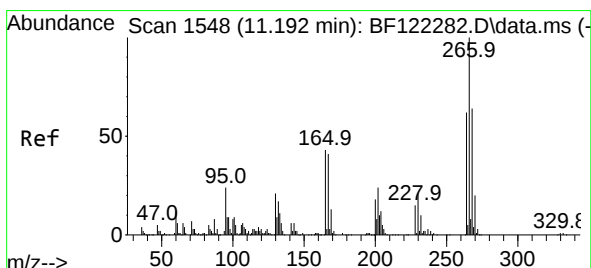
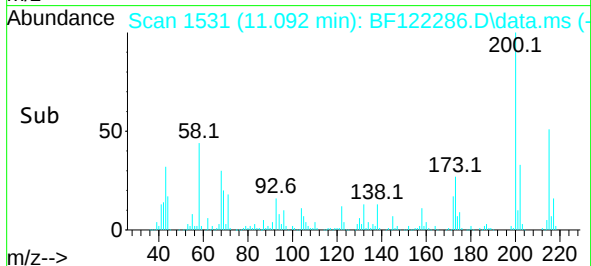
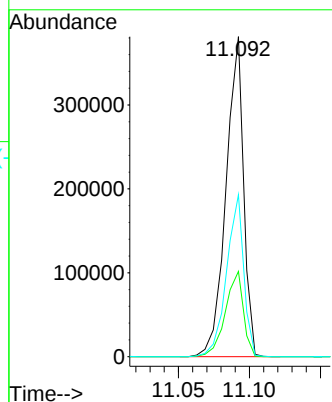
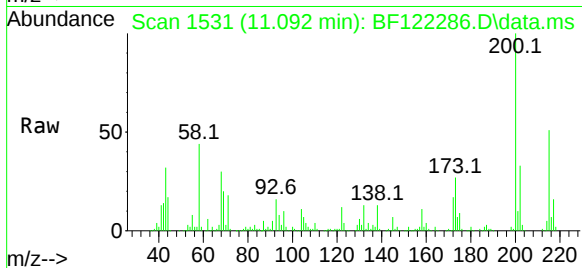
Tgt Ion:200 Resp: 328535

Ion Ratio Lower Upper

200 100

173 26.6 7.5 47.5

215 50.6 27.1 67.1



#70

Pentachlorophenol

Concen: 43.09 ng

RT: 11.192 min Scan# 1548

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

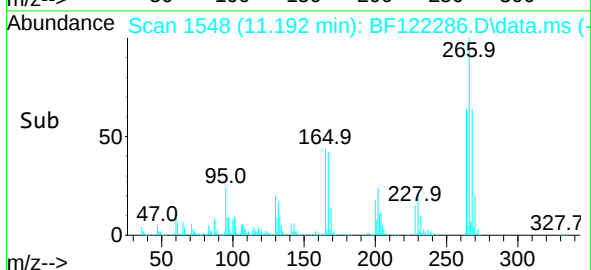
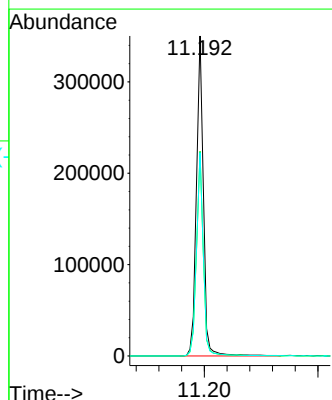
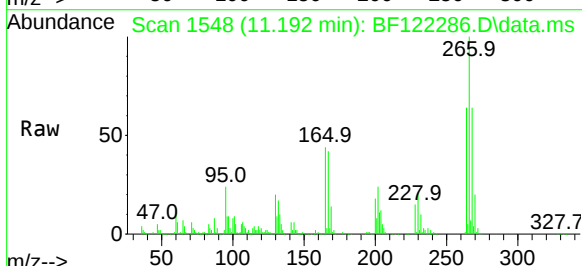
Tgt Ion:266 Resp: 302124

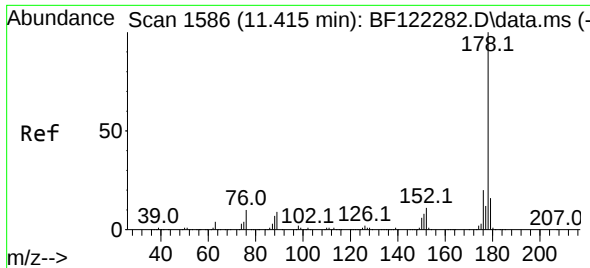
Ion Ratio Lower Upper

266 100

268 64.0 52.4 78.6

264 63.6 49.9 74.9

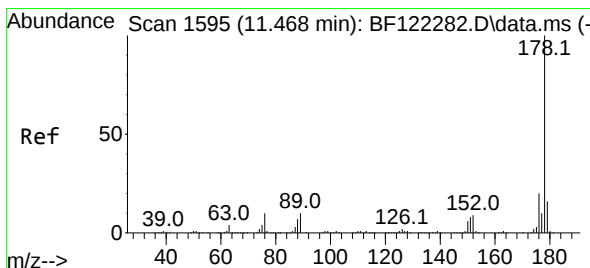
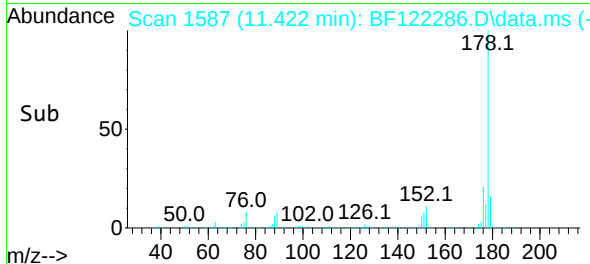
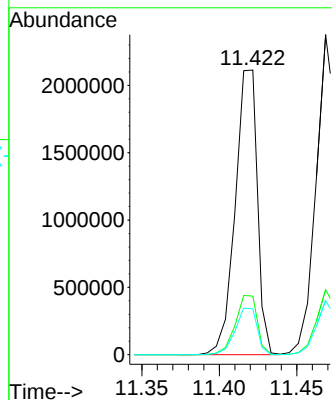
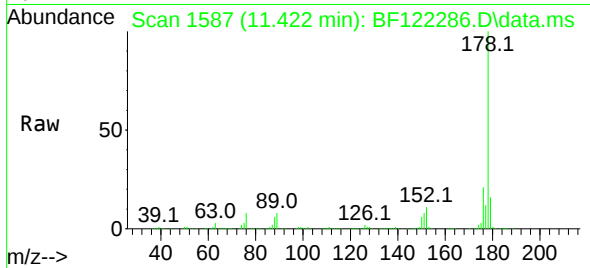




#71  
Phenanthrene  
Concen: 38.73 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

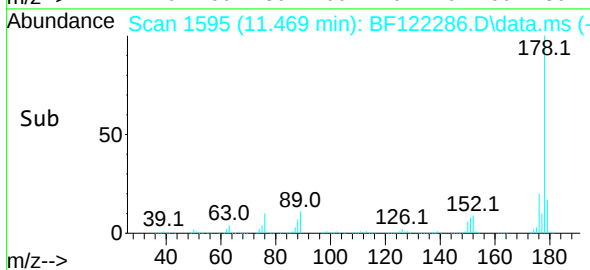
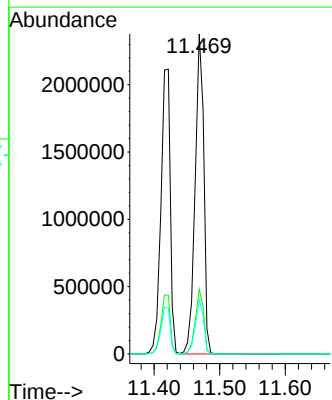
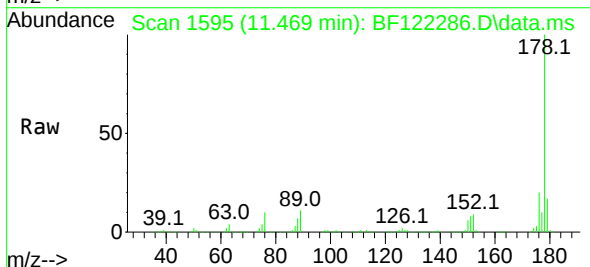
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

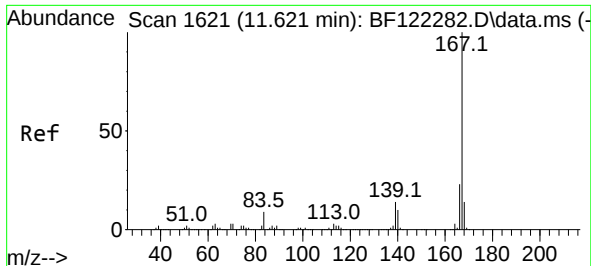
Tgt Ion:178 Resp: 2106127  
Ion Ratio Lower Upper  
178 100  
176 20.6 15.9 23.9  
179 16.1 12.2 18.4



#72  
Anthracene  
Concen: 39.07 ng  
RT: 11.469 min Scan# 1595  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:178 Resp: 2189970  
Ion Ratio Lower Upper  
178 100  
176 20.3 15.7 23.5  
179 16.9 12.7 19.1



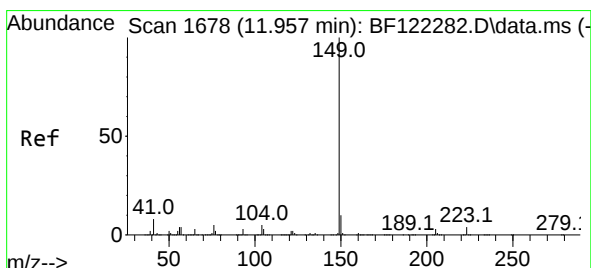
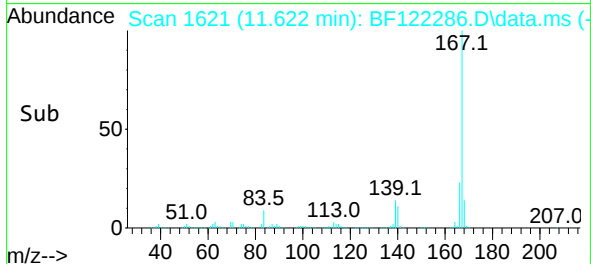
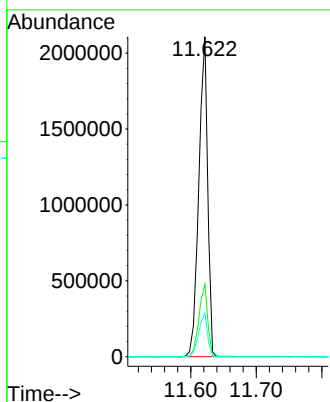
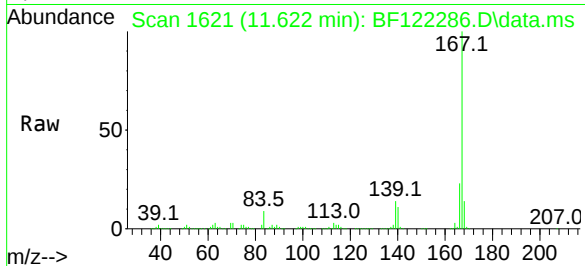


#73  
 Carbazole  
 Concen: 38.97 ng  
 RT: 11.622 min Scan# 1621  
 Delta R.T. 0.000 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF110920

Tgt Ion:167 Resp: 1987031  

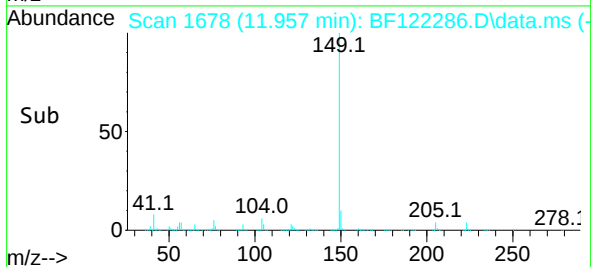
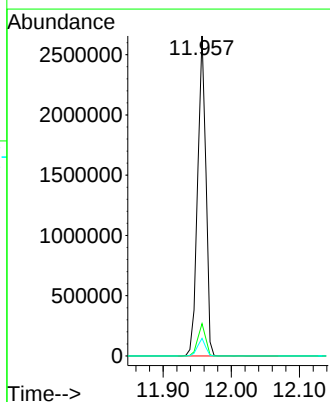
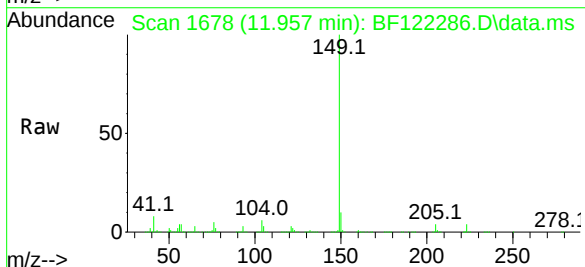
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.7  | 17.8  | 26.6  |
| 139 | 13.6  | 10.8  | 16.2  |

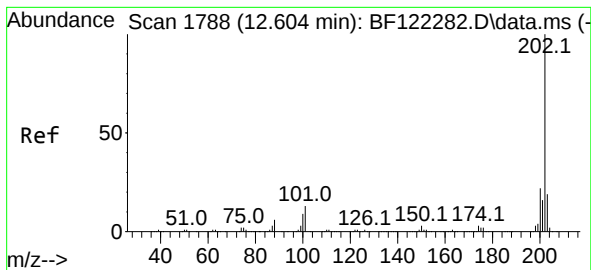


#74  
 Di-n-butylphthalate  
 Concen: 41.07 ng  
 RT: 11.957 min Scan# 1678  
 Delta R.T. -0.000 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

Tgt Ion:149 Resp: 2232181  

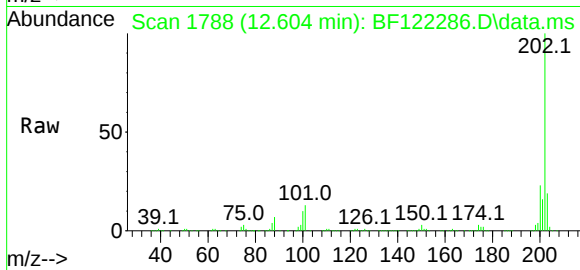
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.1  | 7.7   | 11.5  |
| 104 | 5.5   | 4.2   | 6.2   |



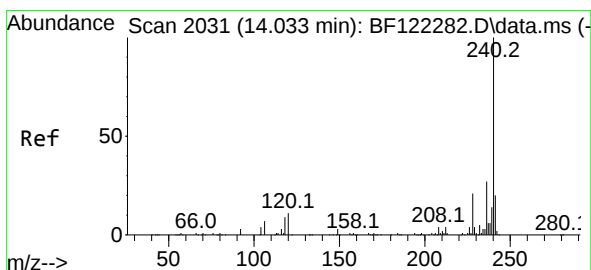
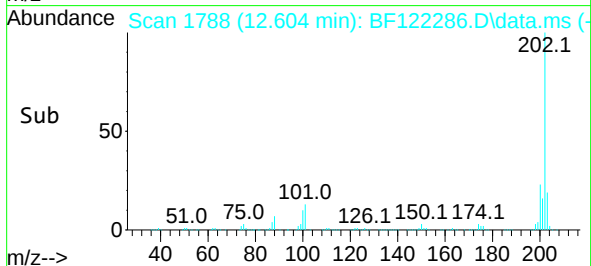
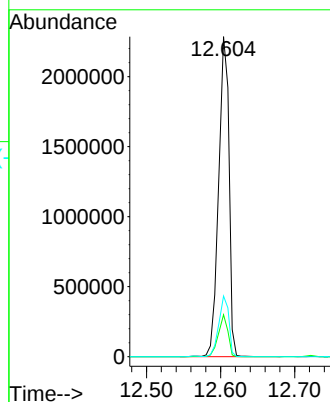


#75  
Fluoranthene  
Concen: 39.14 ng  
RT: 12.604 min Scan# 1788  
Delta R.T. -0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

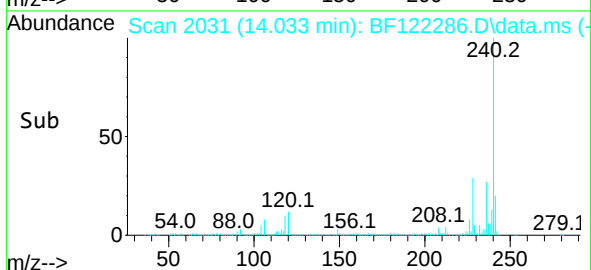
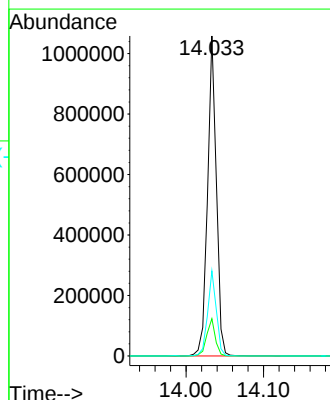
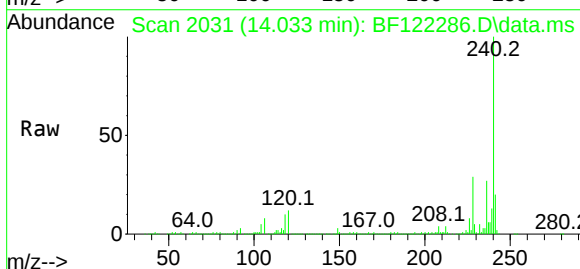


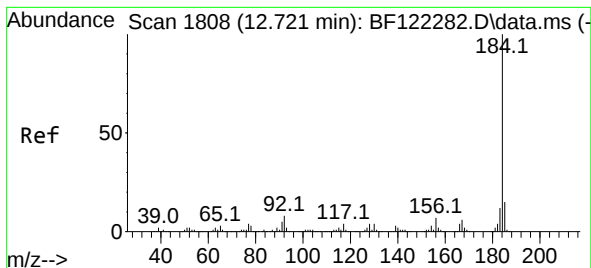
Tgt Ion:202 Resp: 2221815  
Ion Ratio Lower Upper  
202 100  
101 13.1 0.0 33.4  
203 19.0 0.0 37.9



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.033 min Scan# 2031  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:240 Resp: 835271  
Ion Ratio Lower Upper  
240 100  
120 11.6 9.2 13.8  
236 26.6 20.9 31.3





#77

Benzidine

Concen: 39.80 ng

RT: 12.722 min Scan# 1808

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

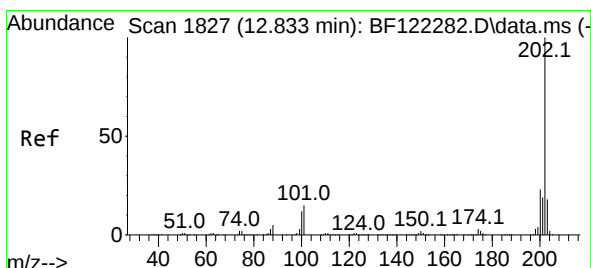
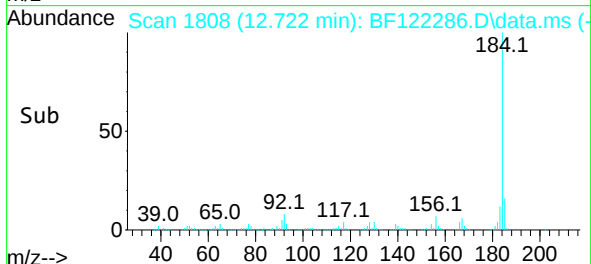
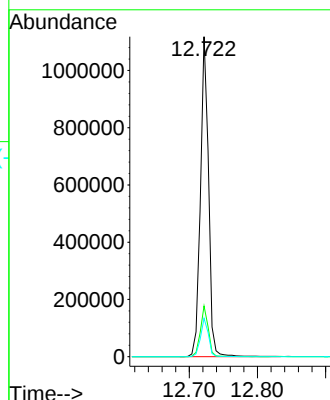
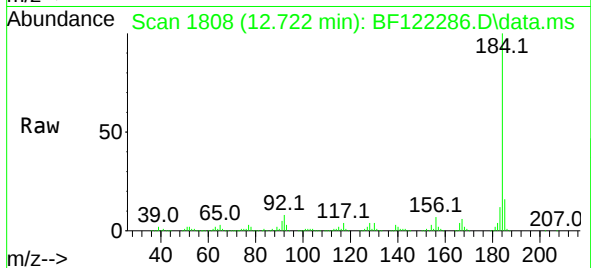
Tgt Ion:184 Resp: 922046

Ion Ratio Lower Upper

184 100

185 15.8 11.6 17.4

183 12.0 9.4 14.0



#78

Pyrene

Concen: 39.10 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.000 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

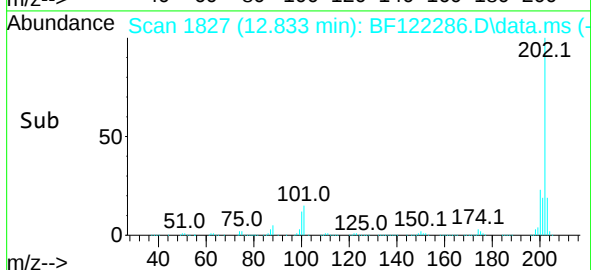
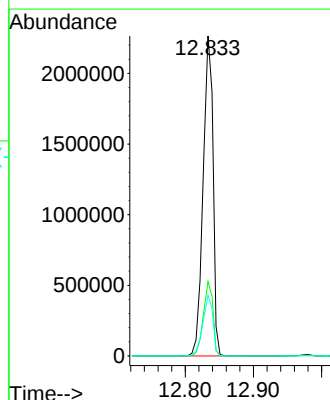
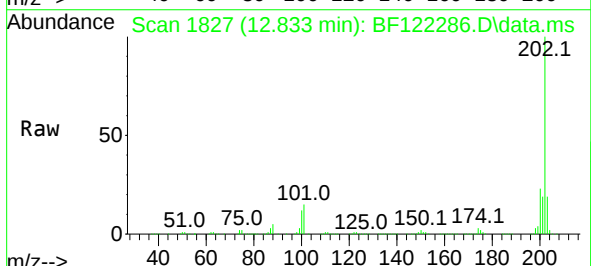
Tgt Ion:202 Resp: 2294721

Ion Ratio Lower Upper

202 100

200 23.3 17.4 26.2

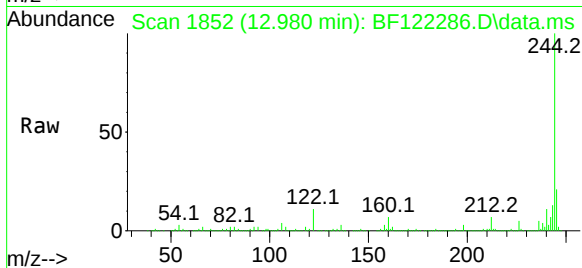
203 18.9 14.6 21.8



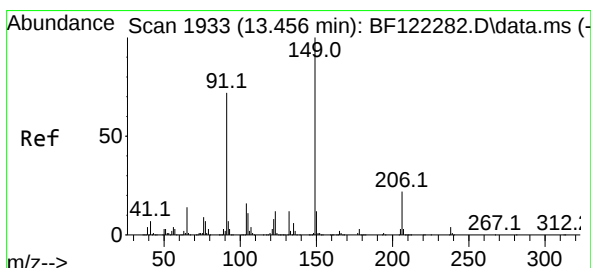
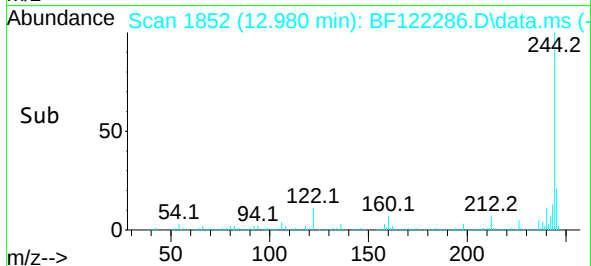
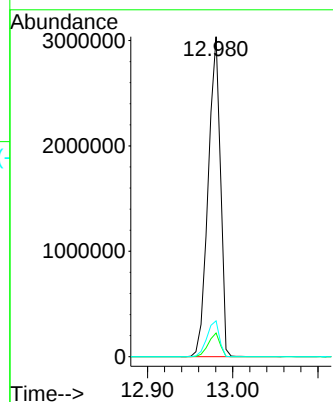


#79  
 Terphenyl-d14  
 Concen: 76.58 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. 0.000 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58

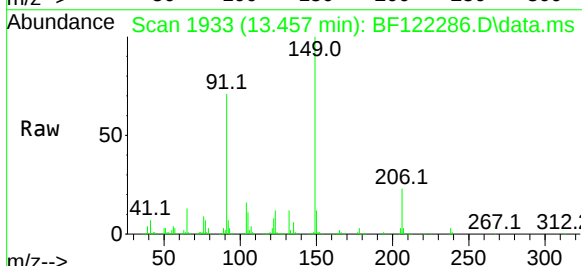
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF110920



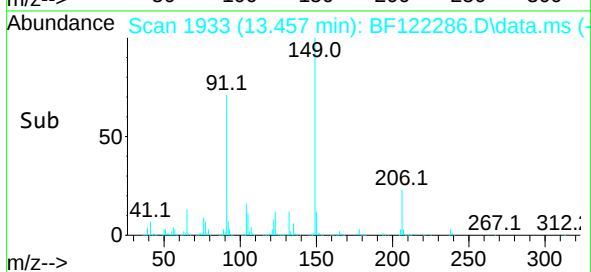
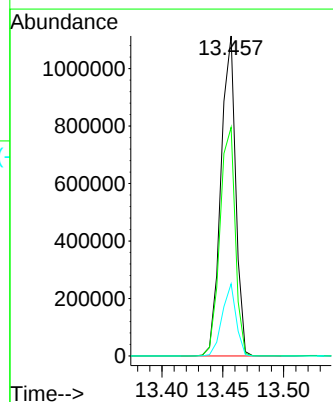
Tgt Ion:244 Resp: 3019370  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.4 8.2  
 122 11.2 8.1 12.1

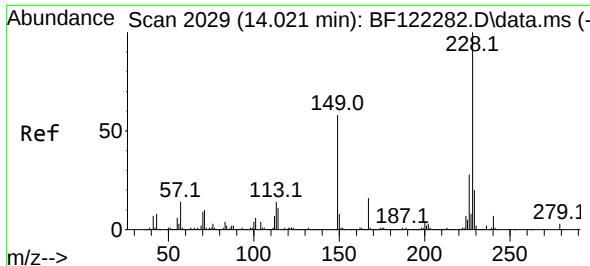


#80  
 Butylbenzylphthalate  
 Concen: 40.55 ng  
 RT: 13.457 min Scan# 1933  
 Delta R.T. 0.001 min  
 Lab File: BF122286.D  
 Acq: 9 Nov 2020 15:58



Tgt Ion:149 Resp: 941244  
 Ion Ratio Lower Upper  
 149 100  
 91 71.4 61.0 91.4  
 206 22.5 16.7 25.1

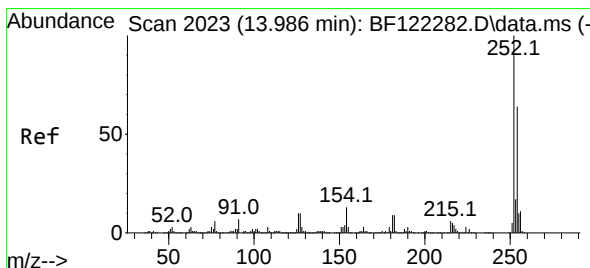
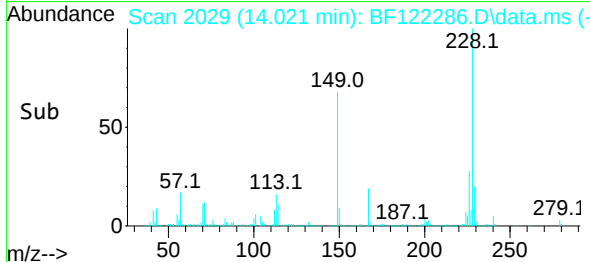
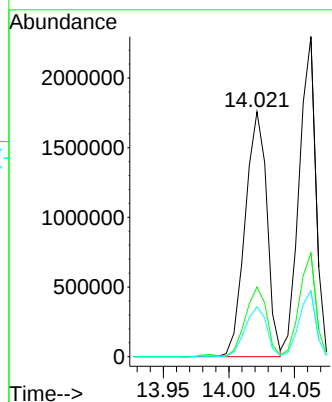
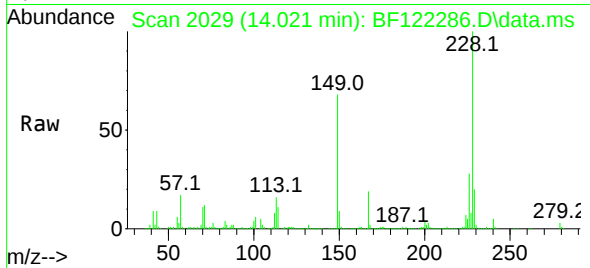




#81  
Benzo(a)anthracene  
Concen: 38.98 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

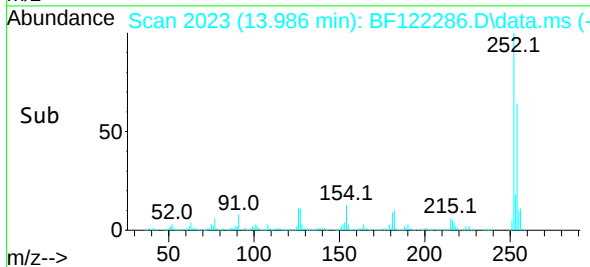
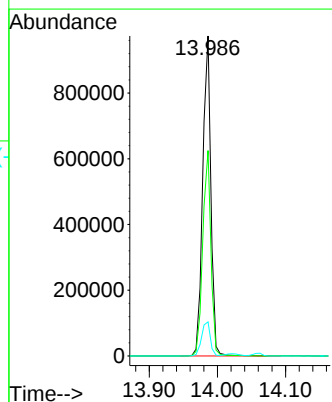
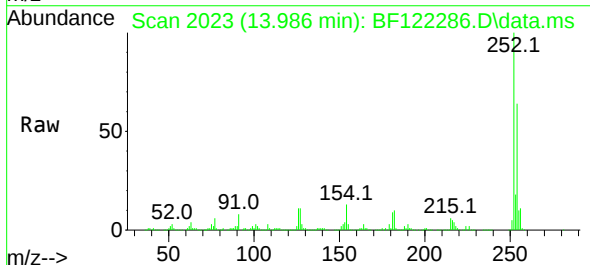
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

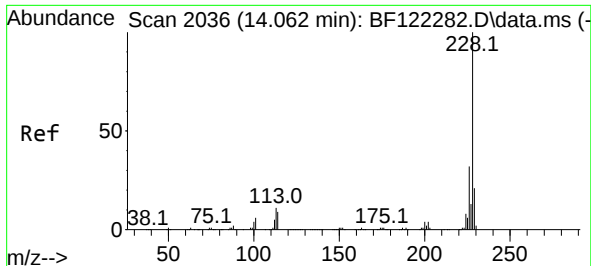
Tgt Ion:228 Resp: 2024764  
Ion Ratio Lower Upper  
228 100  
226 28.4 22.3 33.5  
229 20.4 16.2 24.4



#82  
3,3'-Dichlorobenzidine  
Concen: 41.93 ng  
RT: 13.986 min Scan# 2023  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:252 Resp: 811714  
Ion Ratio Lower Upper  
252 100  
254 64.2 51.8 77.6  
126 10.6 8.8 13.2

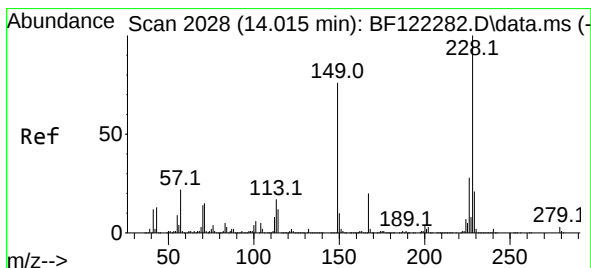
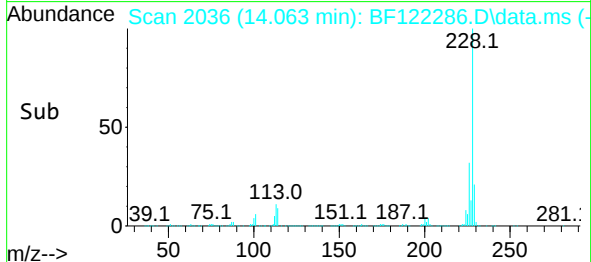
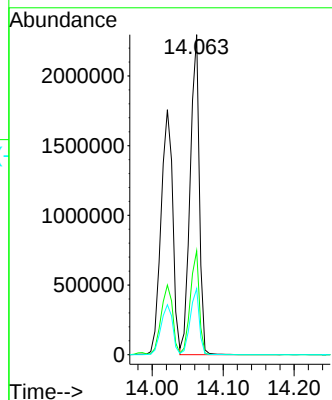
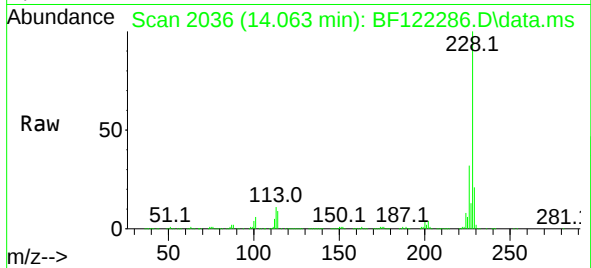




#83  
Chrysene  
Concen: 38.88 ng  
RT: 14.063 min Scan# 2036  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

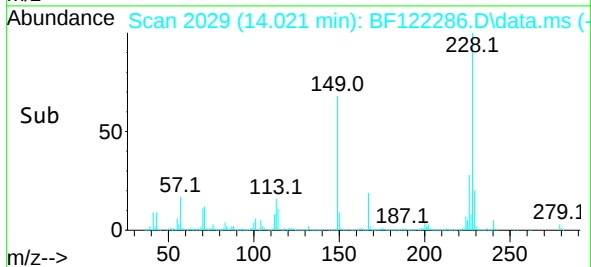
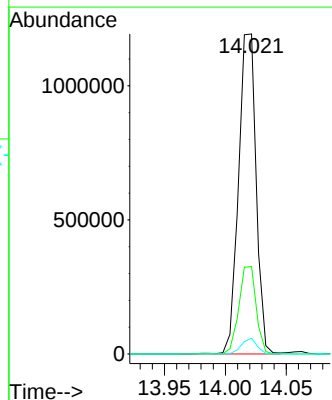
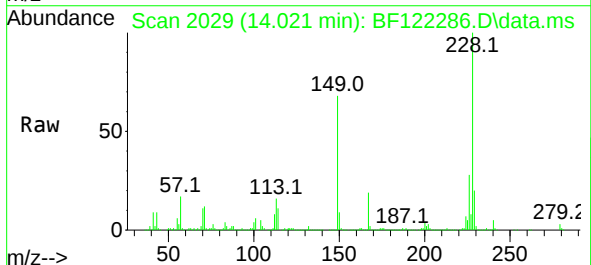
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

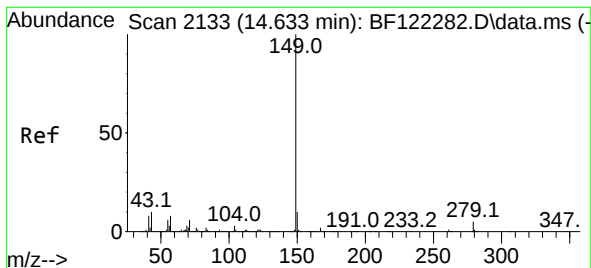
Tgt Ion:228 Resp: 2034280  
Ion Ratio Lower Upper  
228 100  
226 32.4 24.6 37.0  
229 20.6 15.9 23.9



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 42.43 ng  
RT: 14.021 min Scan# 2029  
Delta R.T. 0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:149 Resp: 1200610  
Ion Ratio Lower Upper  
149 100  
167 27.3 20.9 31.3  
279 4.9 3.2 4.8#

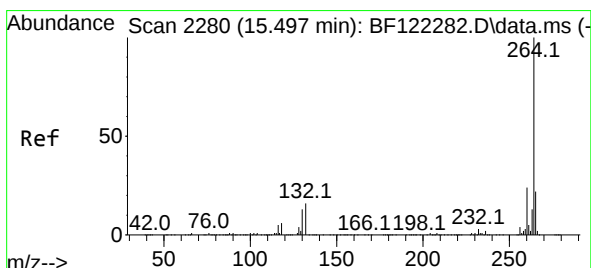
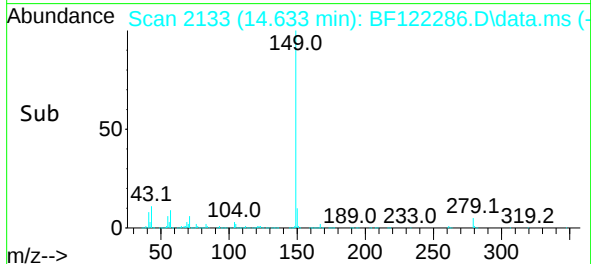
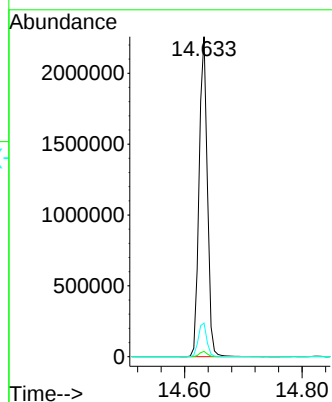
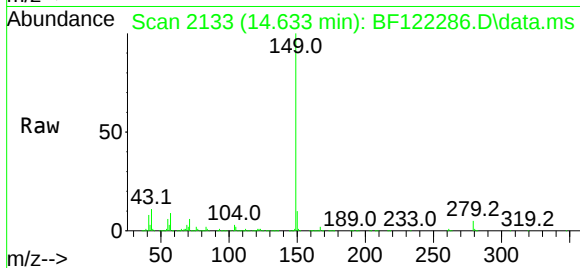




#85  
Di-n-octyl phthalate  
Concen: 45.73 ng  
RT: 14.633 min Scan# 2133  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

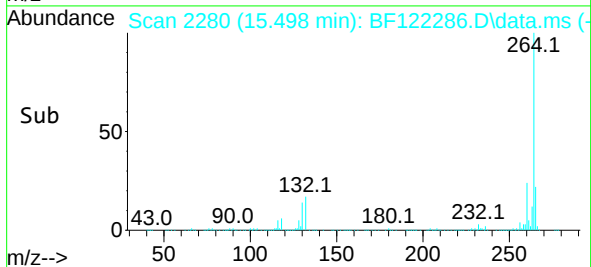
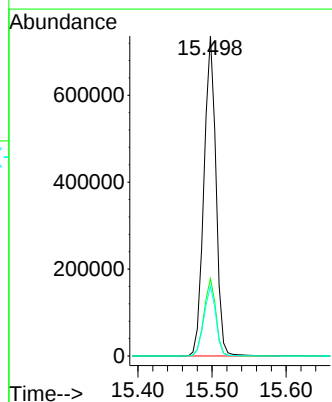
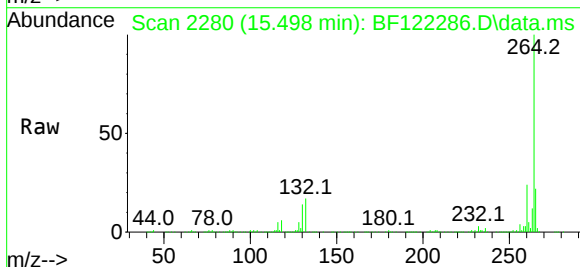
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

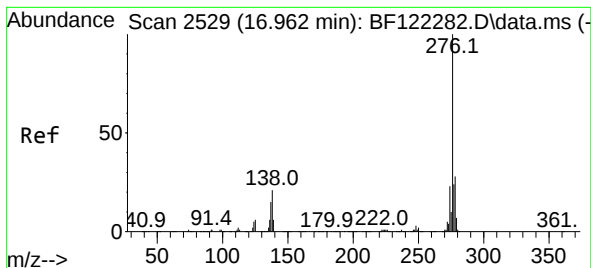
Tgt Ion:149 Resp: 2192729  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.2 1.8  
43 11.0 9.0 13.6



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.498 min Scan# 2280  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:264 Resp: 829069  
Ion Ratio Lower Upper  
264 100  
260 24.2 18.7 28.1  
265 21.8 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.86 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.006 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

Instrument :

BNA\_F

ClientSampleId :

ICVBF110920

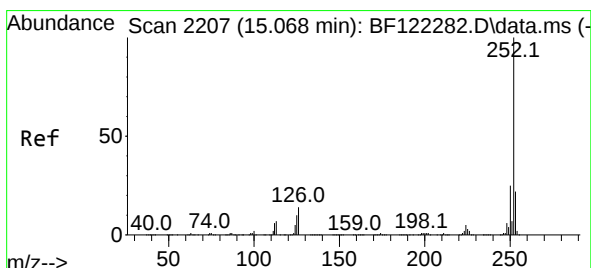
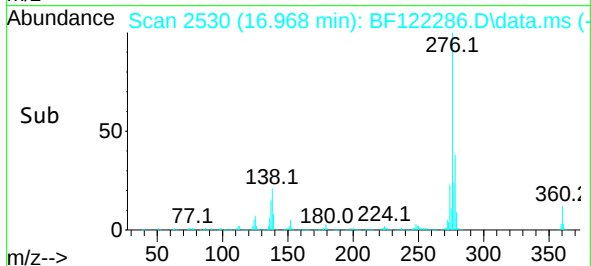
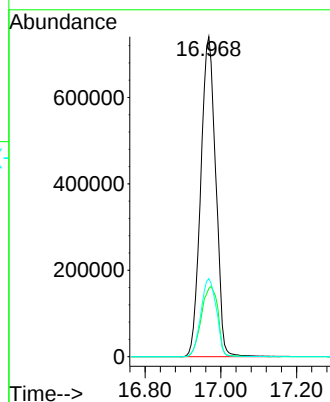
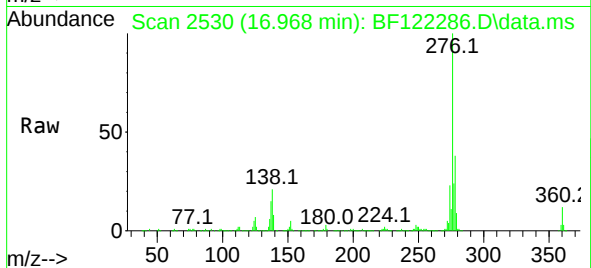
Tgt Ion:276 Resp: 2032858

Ion Ratio Lower Upper

276 100

138 24.4 19.9 29.9

277 25.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 39.34 ng

RT: 15.074 min Scan# 2208

Delta R.T. 0.006 min

Lab File: BF122286.D

Acq: 9 Nov 2020 15:58

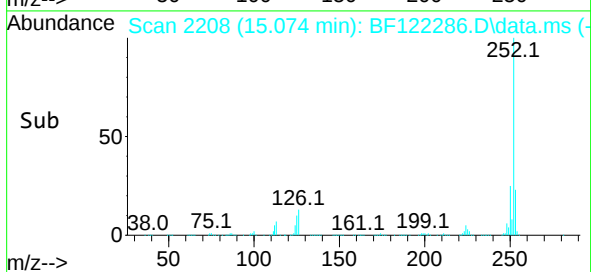
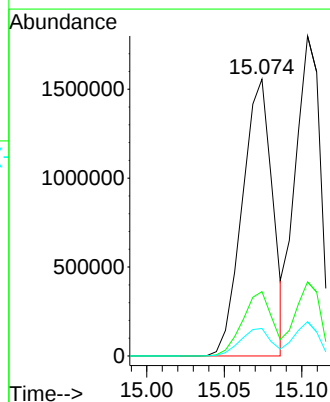
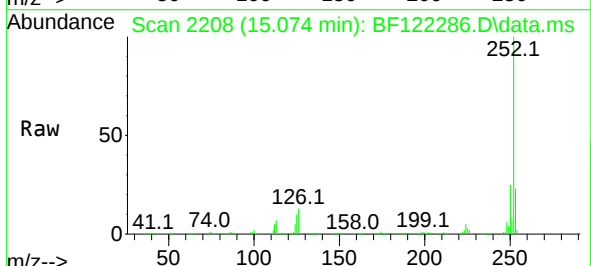
Tgt Ion:252 Resp: 2112528

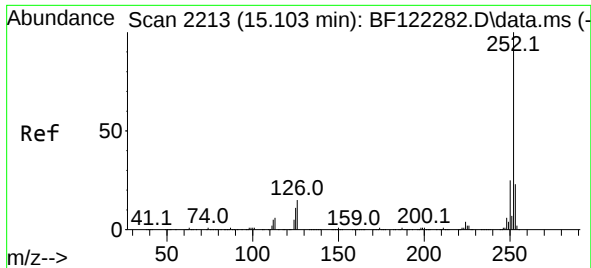
Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.2

125 10.0 8.0 12.0

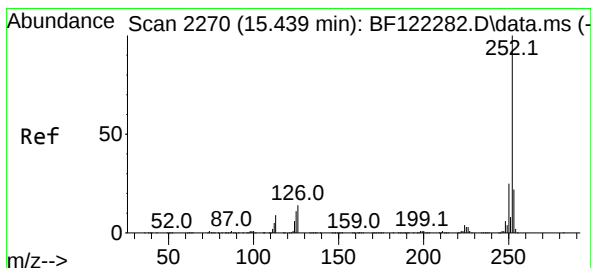
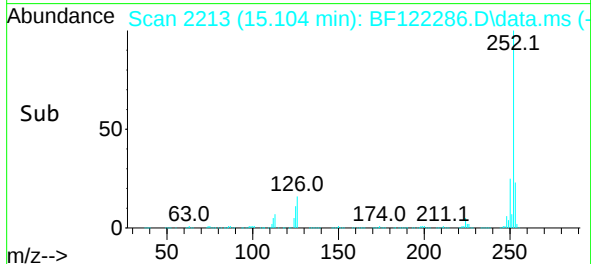
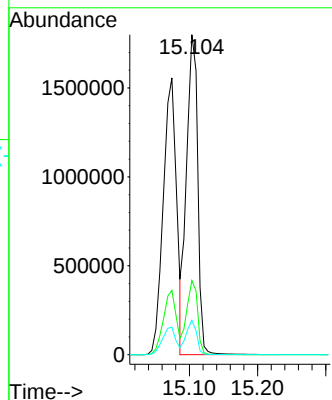
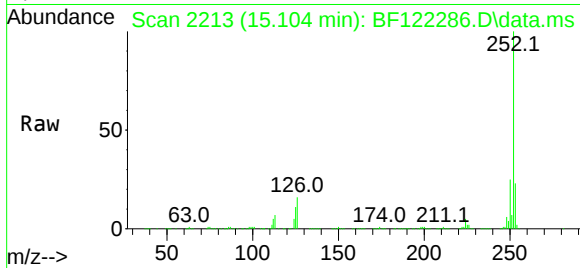




#89  
Benzo(k)fluoranthene  
Concen: 39.04 ng  
RT: 15.104 min Scan# 2213  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

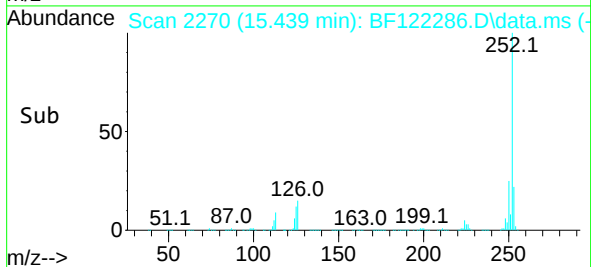
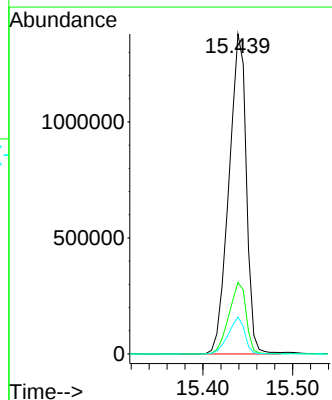
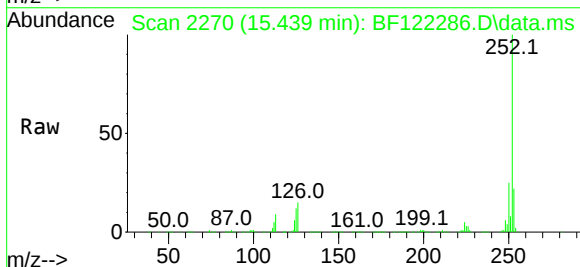
Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

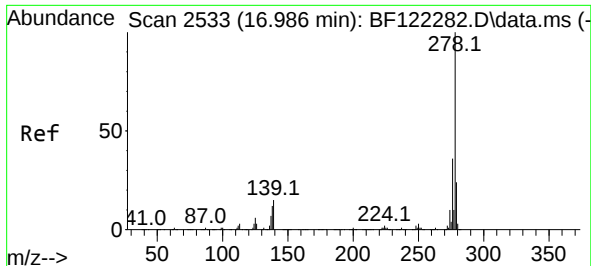
Tgt Ion:252 Resp: 2044084  
Ion Ratio Lower Upper  
252 100  
253 23.1 17.8 26.6  
125 10.7 7.7 11.5



#90  
Benzo(a)pyrene  
Concen: 39.72 ng  
RT: 15.439 min Scan# 2270  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:252 Resp: 1859141  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.3 25.9  
125 11.6 8.6 13.0

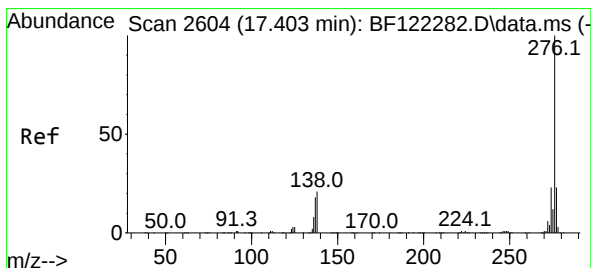
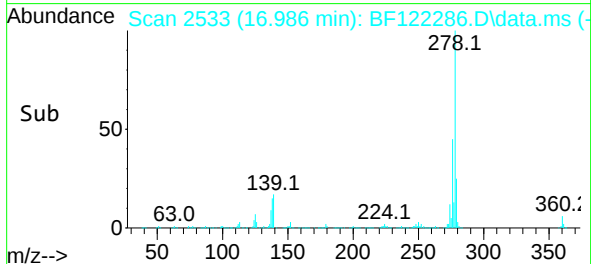
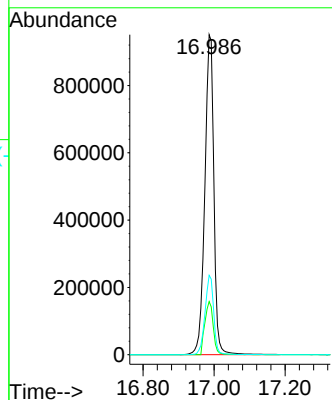
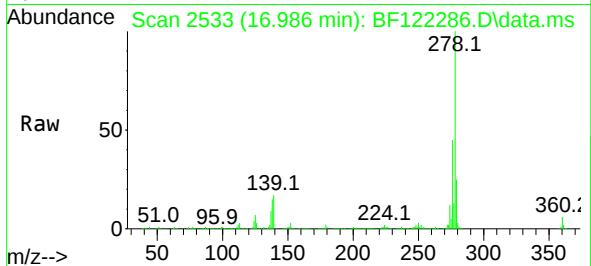




#91  
Dibenzo(a,h)anthracene  
Concen: 40.55 ng  
RT: 16.986 min Scan# 2533  
Delta R.T. 0.000 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF110920

Tgt Ion:278 Resp: 1689603  
Ion Ratio Lower Upper  
278 100  
139 16.6 13.0 19.4  
279 24.8 19.0 28.4



#92  
Benzo(g,h,i)perylene  
Concen: 39.73 ng  
RT: 17.409 min Scan# 2605  
Delta R.T. 0.006 min  
Lab File: BF122286.D  
Acq: 9 Nov 2020 15:58

Tgt Ion:276 Resp: 1610040  
Ion Ratio Lower Upper  
276 100  
277 24.2 19.4 29.2  
138 21.7 17.8 26.6

